

**QUESTION PAPER
SET- 1
SUBJECT : SCIENCE
GRADE : 6**

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
1.	2_10 Science 4126	Food – Where does it come From ?	Food chains show us the flow of energy from a source to a user. What should come in place of the empty box?	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 40px; height: 20px; margin-right: 5px;"></div> → Plants → Herbivores → Carnivores </div>	c		
			Answer Options				
			Option A Soil	Option B Water	Option C The Sun	Option D Human beings	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
2.	1_3 Science 6573	Food – Where does it come From ?	Shown below is a representation of a food chain. Use it to answer the question. Which of these would be a <u>primary consumer</u> ?	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">PRODUCERS</div> → <div style="border: 1px solid black; padding: 2px;">PRIMARY CONSUMERS</div> → <div style="border: 1px solid black; padding: 2px;">SECONDARY CONSUMERS</div> → <div style="border: 1px solid black; padding: 2px;">DECOMPOSERS</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> <div style="text-align: center;">(normally plants)</div> <div style="text-align: center;">(depend on producers for food)</div> <div style="text-align: center;">(depend on primary consumers for food)</div> </div>	A		

Answer Options			
Option A	Option B	Option C	Option D
Goat	Tiger	Lion	Hawk

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3.	1_3 Science 6574	Food – Where does it come From ?	<p>Shown below is a representation of a food chain. Use it to answer the question.</p> <p>Predators are animals that prey on other animals. Thus predators would be _____.</p>	<pre> graph LR A[PRODUCERS (normally plants)] --> B[PRIMARY CONSUMERS (depend on producers for food)] B --> C[SECONDARY CONSUMERS (depend on primary consumers for food)] C --> D[DECOMPOSERS] </pre>	c												
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4.	3_15 Science 3516	Food – Where does it come From ?	Which one of the following food chains is correct? (Remember the arrow points towards the organism that eats the other.)	Living thing	Eating habit	B
				Plankton	Very small plants that float in the sea	
Seaweed	Certain plants growing in the sea or on the sea bed					
Mussel	Plankton					
Limpet	Seaweed					
Lobster	Mussels and limpets					
Answer Options						
Option A		Option B		Option C		Option D
Mussel-----> Lobster----- ----> Seaweed		Plankton-----> Mussel-----> Lobster		Plankton-----> Limpet-----> Seaweed		Limpet-----> Lobster----- -----> Plankton
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
5	3_15 Science 3517	Food – Where does it come From ?	The immediate effect of the disappearance of seaweeds will be a decrease in the number of	Living thing	Eating habit	A
				Plankton	Very small plants that float in the sea	
Seaweed	Certain plants growing in the sea or on the sea bed					
Mussel	Plankton					
Limpet	Seaweed					
Lobster	Mussels and limpets					
Answer Options						
Option A		Option B		Option C		Option D
Limpets		Lobsters		Planktons		Mussels

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
6	2_9 Science 4926	Food – Where does it come From ?	Lions eat deer. It was observed in a forest that the lion population decreased due to certain reasons. If there were no other changes in the forest, what is likely to be the effect on the deer population?		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="456 571 2051 619">Answer Options</th> </tr> <tr> <th data-bbox="456 619 900 660">Option A</th> <th data-bbox="900 619 1272 660">Option B</th> <th data-bbox="1272 619 1630 660">Option C</th> <th data-bbox="1630 619 2051 660">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 660 900 772">The deer population will be unaffected.</td> <td data-bbox="900 660 1272 772">The deer population will increase.</td> <td data-bbox="1272 660 1630 772">The deer population will decrease.</td> <td data-bbox="1630 660 2051 772">The deer population is not related to the lion population - it may increase or decrease.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The deer population will be unaffected.	The deer population will increase.	The deer population will decrease.	The deer population is not related to the lion population - it may increase or decrease.
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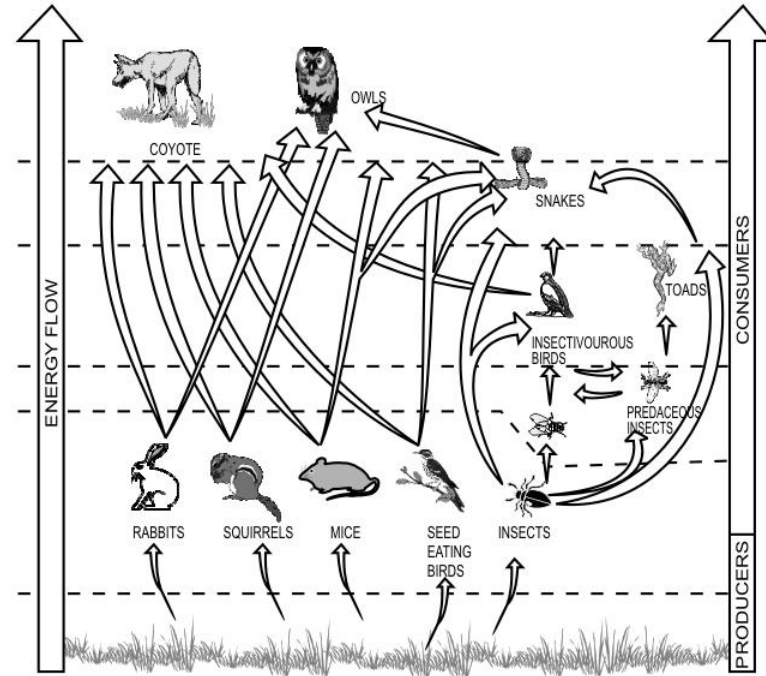
7

1_3
Science
7288

Food – Where
does it come
From ?

Shown below is a FOOD WEB. The
arrows in the food web indicate flow
of energy. Study it carefully and
answer the question.

Apart from showing the flow of
energy, the arrows:



A

Answer Options

Option A	Option B	Option C	Option D
point FROM that which is eaten TO that which eats it.	point TO that which is eaten FROM that which eats it.	point FROM smaller animals TO bigger animals that live in the same place.	point FROM animals that have fewer babies TO those that have more.

S.N

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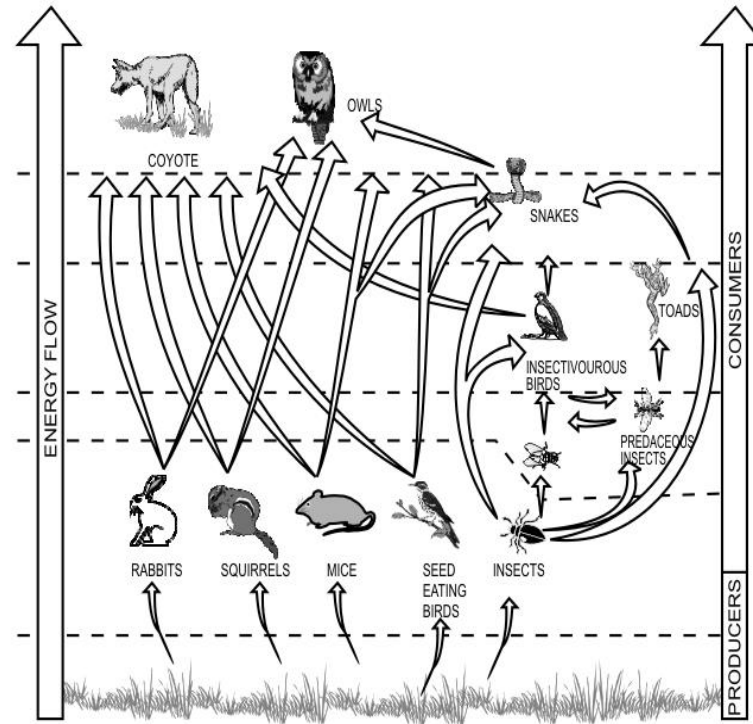
8

1_3
Science
7289

Food – Where
does it come
From ?

Shown below is a FOOD WEB. The
arrows in the food web indicate flow
of energy. Study it carefully and
answer the question.

If the rabbit population increased
suddenly due to external reasons,
what is likely to happen to the OWL
population?



A

Answer Options			
Option A	Option B	Option C	Option D
It will not change	It will decrease immediately	It will decrease over 1-2 years	It will increase over 1-2 years

S.N

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Correct
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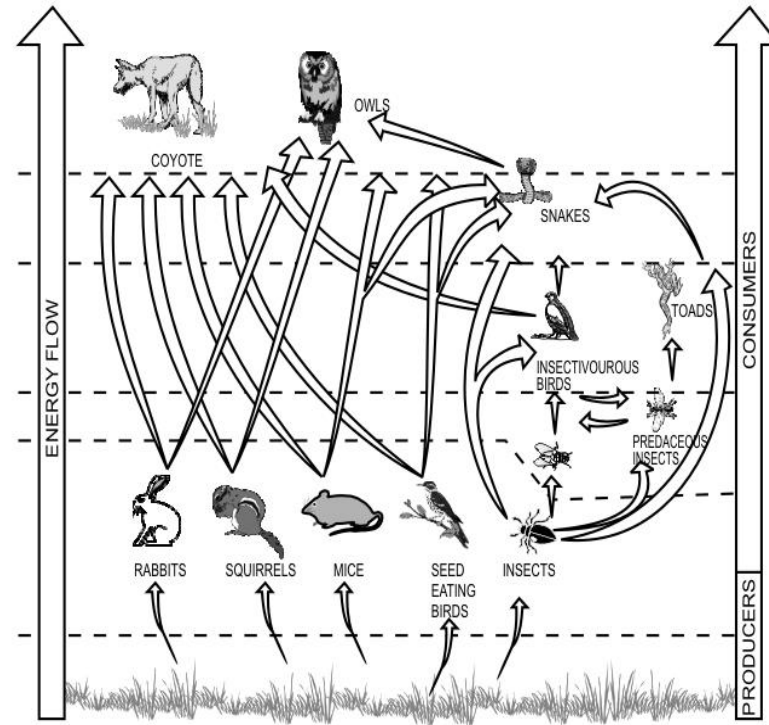
9.

**1_3
Science
7290**

**Food – Where
does it come
From ?**

Shown below is a FOOD WEB. The arrows in the food web indicate flow of energy. Study it carefully and answer the question.

If the rabbit population increased suddenly due to external reasons (as described above), what is likely to happen to the MICE population?



C

Answer Options

Option A	Option B	Option C	Option D
It will not change	It will decrease immediately	It will decrease over 1-2 years	It will increase over 1-2 years

S.N

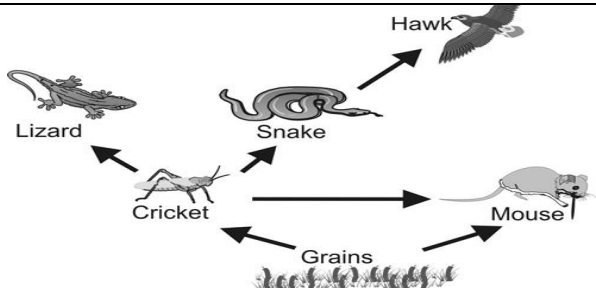
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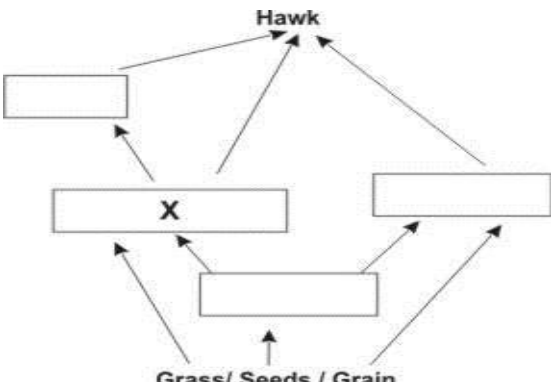
Image (If Any)

**Correct
Answer
(Option - A,
B, C, D)**

10	3_16 Science 2390	Food – Where does it come From ?	The relationship between Hawks and Snakes in the given food web is likely to be that of ____?		B
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Answer Options			
Option A	Option B	Option C	Option D
Host and Parasite	Predator and Prey	Producer and Consumer	Host and Prey

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11	4_24 Science 10219	Food – Where does it come From ?	<p>A few food chains of an eco-system are given below.</p> <ol style="list-style-type: none"> 1. Crickets eat grass 2. Birds eat seeds and crickets 3. Mice eat grain and crickets 4. Snakes eat mice 5. Hawks eat snakes, mice and birds. <p>Which of the following could 'X' represent in the food web?</p>		C
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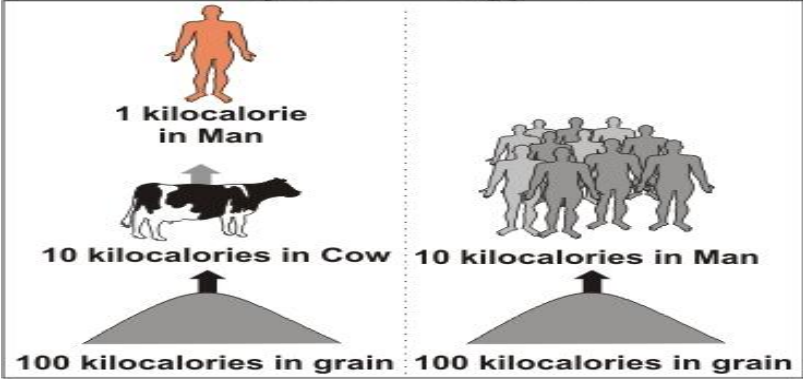
Answer Options			
Option A	Option B	Option C	Option D
Crickets	Snakes	Mice	Birds

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
12	2_10 Science 4140	Food – Where does it come From ?	Of which of these plants do we eat the STEM?		B												
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13	2_9 Science 6021	Food – Where does it come From ?	In a forest, there is an animal P that eats another animal Q. Which of these actions is MOST LIKELY to cause P to attack domestic animals in a village next to the forest?		A												
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14	4_25 Science 11817	Food – Where does it come From ?	When Naveen killed a mosquito, he found there was some blood on his hands. Where could this blood have come from?														
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15	2_9 Science 6010	Food – Where does it come From ?	Which parts of a plant are the vegetables we eat?		D												

		Answer Options			
		Option A	Option B	Option C	Option D
		fruits only	fruits and roots only	roots and stem only	May be any part of a plant

QUESTION PAPER
SET- 2
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
1.	3_15 Science 3538	Components Of Food	Kilocalorie is a unit of energy contained in food. Study this figure carefully. What do you think it suggests?	<p>Ecosystem Energy Flow</p>  <p>The diagram illustrates energy flow in an ecosystem. It is divided into two paths by a vertical dashed line. On the left path, 100 kilocalories in grain are consumed by a cow, which then provides 10 kilocalories to a man. On the right path, 100 kilocalories in grain are consumed directly by a group of 10 men, each receiving 10 kilocalories. At the top of the left path, a single man is shown with 1 kilocalorie. This visualizes that a vegetarian diet (right path) uses energy more efficiently than a diet involving a cow (left path).</p>	c												
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2.	1_3 Science 7291	Components Of Food	Calorie is a unit of energy. Some food items mention on their label a certain number of calories. What is the reason for this?		B												
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3.	1_3 Science 7256	Components Of Food	1 level teaspoon of sugar contains 16 calories and 4g of carbohydrates. Calories here refers to_____.		D												
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4.	2_10 Science 4116	Components Of Food	Which of these symptoms will be seen in a person who does not take any <u>sour fruits</u> in his diet?		B, C, D) C												
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5.	1_3 Science 7303	Components Of Food	Different kinds of food contain different substances useful to our body. These are called nutrients. Which nutrient gives us energy?		B												
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6.	3_15 Science 3510	Components Of Food	Difficulty in seeing in dim light can be prevented by including in the daily diet_____.		B				
						Answer Options			
						Option A rice and dal	Option B carrots and leafy vegetables	Option C potatoes and rice	Option D chapatti and onion
7.	2_9 Science 6008	Components Of Food	DIETARY FIBRE is the part of our food which our body cannot fully digest. From which of these does it come?		B				
						Answer Options			
						Option A Milk	Option B Leafy vegetables	Option C Sea fish	Option D Ghee and oils
8.	2_9 Science 6006	Components Of Food	During a birthday party Sahil eats a lot of cake. After swallowing, how does the cake pass from the food pipe to the		c				
						Answer Options			

		stomach	
Answer Options			
Option A	Option B	Option C	Option D
Due to the contraction of the muscles in the food pipe controlled by Sahil.	Due to the expansion of the muscles in the food pipe not under his control.	Due to the expansion and contraction of the muscles in the food pipe not under his control.	Due to the expansion and contraction of the muscles in the food pipe controlled by him.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
9.	2_9 Science 4948	Components Of Food	According to the food chart shown below, spinach (palak) would be a good source of:	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">FOODS</th> <th style="width: 50%;">NUTRIENTS</th> </tr> </thead> <tbody> <tr> <td>Bread, rice, potato</td> <td>Carbohydrates</td> </tr> <tr> <td>Nuts, butter, cooking oils</td> <td>Fats</td> </tr> <tr> <td>Fish, meat, pulses, milk</td> <td>Proteins</td> </tr> <tr> <td>Leafy vegetables, fruits</td> <td>Minerals</td> </tr> </tbody> </table>	FOODS	NUTRIENTS	Bread, rice, potato	Carbohydrates	Nuts, butter, cooking oils	Fats	Fish, meat, pulses, milk	Proteins	Leafy vegetables, fruits	Minerals	D
FOODS	NUTRIENTS														
Bread, rice, potato	Carbohydrates														
Nuts, butter, cooking oils	Fats														
Fish, meat, pulses, milk	Proteins														
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Answer Options															
Option A		Option B		Option C											
Carbohydrates		Fats		Proteins											
				Option D											
				Minerals											

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
10.	1_3 Science 6622	Components Of Food	What is the BEST reason for including fruits and leafy vegetables in a healthy diet?		C

		Answer Options			
		Option A	Option B	Option C	Option D
		They have a high water content.	They are the best source of protein.	They are rich in minerals and vitamins.	They are the best source of carbohydrates.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
11.	1_3 Science 7318	Components Of Food	Gums swell up and bleed often for people who have a vitamin C deficiency. Identify a food that people with this deficiency should eat.		D
		Answer Options			
		Option A	Option B	Option C	Option D
		Eggs	Meat and fish	Pulses	Lemon and orange juice.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

12.	0_0 Science 9103	Components Of Food	<p>Answer the question based on the information below:-</p> <p>Our bodies need energy to live and grow, and this is provided by the food we eat. The energy provided by different nutrients like carbohydrates, fats and proteins is shown in this table: (Other components do not contribute significantly to the total calories.)</p> <p>How many calories are there totally in the two slices of toast whose nutrient information is shown on this label?</p>		B												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" data-bbox="463 858 2078 906">Answer Options</th> </tr> <tr> <th data-bbox="463 906 835 954">Option A</th> <th data-bbox="835 906 1229 954">Option B</th> <th data-bbox="1229 906 1637 954">Option C</th> <th data-bbox="1637 906 2078 954">Option D</th> </tr> <tr> <td data-bbox="463 954 835 986">About 160</td> <td data-bbox="835 954 1229 986">About 350</td> <td data-bbox="1229 954 1637 986">About 390</td> <td data-bbox="1637 954 2078 986">About 470</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	About 160	About 350	About 390	About 470
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13.

0_0
Science
9104

**Components
Of Food**

Answer the question based on the information below:-
Our bodies need energy to live and grow, and this is provided by the food we eat. The energy provided by different nutrients like carbohydrates, fats and proteins is shown in this table: (Other components do not contribute significantly to the total calories.)

The US Food and Drug Administration allows certain claims to be made when foods satisfy related conditions. Here are some of those claims:

Fat free: Less than 0.5 gram of fat per serving. Low fat: 3 grams or less per serving. Cholesterol free: Less than 2 mg of cholesterol per serving.

Low cholesterol: 20 mg or less of cholesterol per serving. Saturated Fat Free: Less than 0.5 gram of saturated fat per serving. Low Saturated Fat: 1 gram or less per serving or not more than 15 percent of calories from saturated fat.

Sodium free: Less than 5 mg of sodium per serving. Low sodium: 140 mg or less per serving. For a serving of 2 slices for which the information is shown, which of these claims can be made?"

Nutrition Facts			
Serving Size 2 slices (135g)			
Amount Per Serving			
Calories 135		Calories from Fat 135	
		% Daily value*	
Total Fat	19g		29%
Saturated Fat	8g		39%
Cholesterol	116mg		39%
Sodium	513mg		21%
Total Carbohydrate	36g		12%
Dietary Fiber			0%
Sugars			
Protein	10g		
Vitamin A	9%	Vitamin C	0%
Calcium	7%	Calcium	11%
Percent daily values are based on a 2,000 diet. Your daily values may be higher or lower depending on your calorie needs			
NutritionData.com			

D

Answer Options

Option A	Option B	Option C	Option D
Fat Free and Saturated Fat Free	Low Fat	Low Sodium	None of these claims can be made

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
14.	2_10 Science 4202	Components Of Food	The pie-chart shown represents a balanced diet. Some elements are marked. Letters P and Q respectively represent.		A
Answer Options					
Option A		Option B		Option C	
Carbohydrates and Proteins		Carbohydrates and Vitamins		Proteins and Minerals	
Option D		Option D			
Proteins and Vitamins		Proteins and Vitamins			
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
15.	4_24 Science 10226	Components Of Food	Night blindness is a condition caused by the deficiency of a vitamin in our body. A regular intake of which of these food items will help in preventing it?		C
Answer Options					
Option A		Option B		Option C	
Proteins and Minerals		Proteins and Vitamins		Proteins and Minerals	
Option D		Option D			
Proteins and Vitamins		Proteins and Vitamins			

		fruits and vegetables like oranges, amla, cabbage - rich in vitamin C	meat, chicken, fish - rich in vitamin B12	carrots, sweet potatoes, radish - rich in vitamin A	soya beans, corn, wheat - rich in vitamin E	
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QUESTION PAPER
SET- 3
SUBJECT : SCIENCE
GRADE : 6

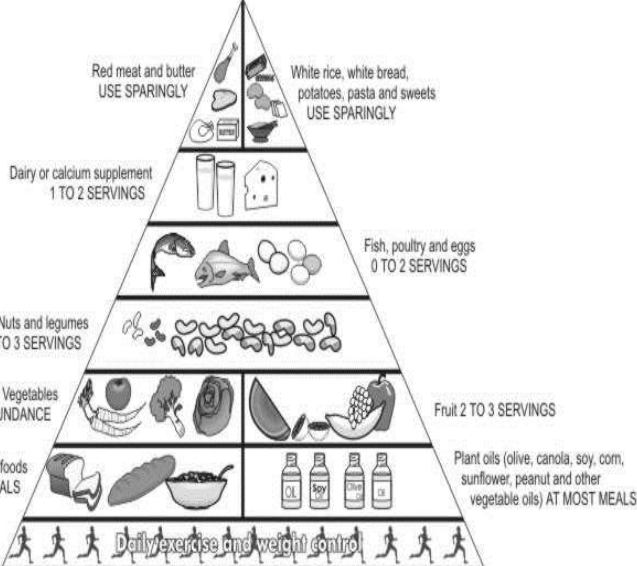
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	2_9 Science 6001	COMPONENTS OF FOOD	<p>Some fruits and vegetables are preserved by pickling them. Nandini got confused with the various steps to be taken to preserve mangoes. Can you help her to arrange them in the correct order?</p> <ol style="list-style-type: none"> 1. Cut the mangoes into pieces. 2. Keep the pieces in the sun. 3. Add salt to the pieces. 4. Store it in a dry jar. 5. Wash and dry them. 		B
Answer Options					
		Option A	Option B	Option C	Option D
		1-5-2-3-4.	5-1-3-2-4	5-1-2-3-4	1-2-5-3-4.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
2.	2_9 Science	COMPONENTS OF FOOD	We are advised to include pulses, eggs, and milk in our		B

	6002	diet. All of these are rich in			
		Answer Options			
		Option A Minerals	Option B Proteins	Option C Carbohydrates	Option D Vitamins.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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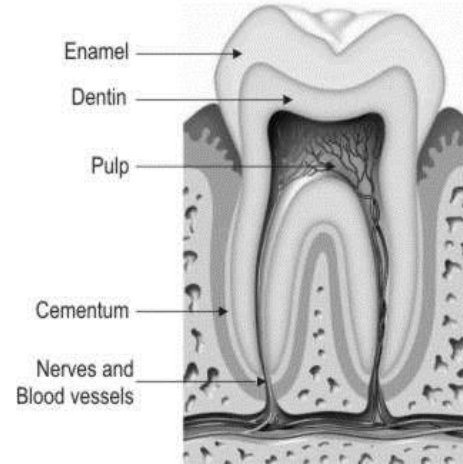
3.	4_24 Science 10241	COMPONENTS OF FOOD	According to this food pyramid, how much butter should be eaten daily?		D
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Answer Options					
Option A Quite a lot		Option B 0 to 2 servings		Option C 1 to 2 servings	
				Option D Very little	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
4.	4_24 Science 10242	COMPONENTS OF FOOD	Which type of vegetables should be eaten ONLY SPARINGLY?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" data-bbox="450 895 2069 943">Answer Options</th> </tr> <tr> <th data-bbox="450 943 835 986">Option A</th> <th data-bbox="835 943 1169 986">Option B</th> <th data-bbox="1169 943 1637 986">Option C</th> <th data-bbox="1637 943 2069 986">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 986 835 1098">Leafy vegetables</td> <td data-bbox="835 986 1169 1098">Vegetables that grow underground</td> <td data-bbox="1169 986 1637 1098">Vegetables that have starch</td> <td data-bbox="1637 986 2069 1098">Vegetables that grow on trees</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Leafy vegetables	Vegetables that grow underground	Vegetables that have starch	Vegetables that grow on trees
Answer Options																	
Option A	Option B	Option C	Option D														
Leafy vegetables	Vegetables that grow underground	Vegetables that have starch	Vegetables that grow on trees														
5.	4_24 Science	COMPONENTS OF FOOD	Plaque is a sticky film of bacteria which forms on our teeth. These bacteria convert sugar in the food	Given here is the structure of a human tooth. Study it and answer the question.	A												

10253

that we eat into acid. Which layer of the tooth will be affected first by this acid?



Answer Options

Option A	Option B	Option C	Option D
Enamel	Dentin	Pulp	Cementum

S.N

Folder Number & Question Code

Topic

Question With Answers Options

Image (If Any)

Correct Answer (Option - A, B, C, D)

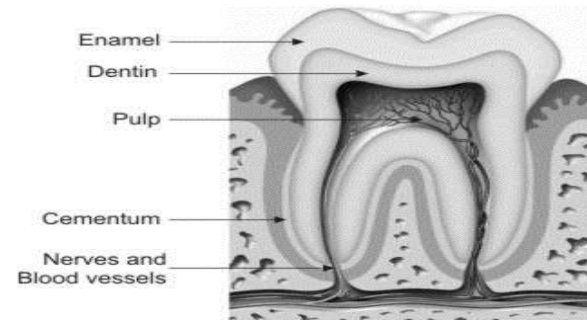
6.

4_24
Science
10254

COMPONENTS OF FOOD

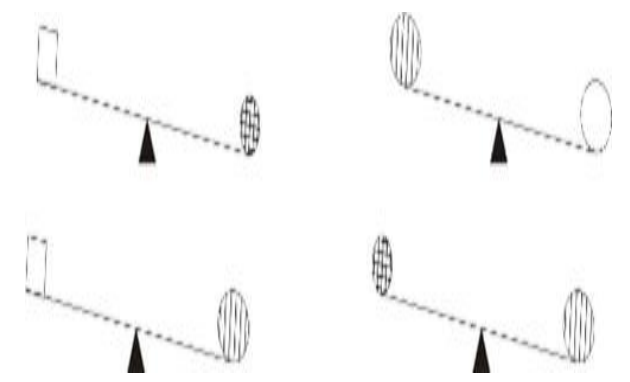
A tooth decay starts at the surface of the tooth and grows inward. However, it will start paining only after the decay reaches the _____ layer



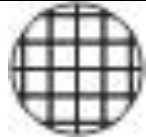
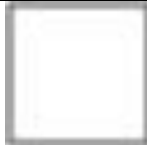
Given here is the structure of a human tooth. Study it and answer the question.

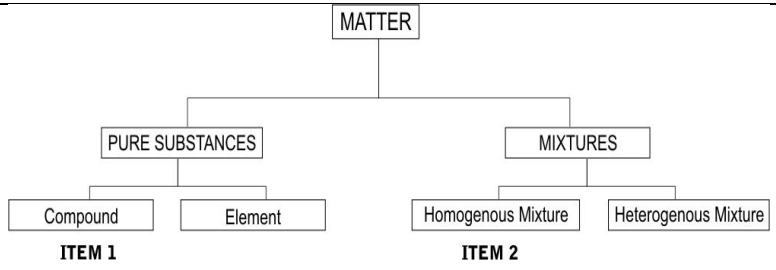


C

		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>enamel</td> <td>dentin</td> <td>pulp</td> <td>cementum</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	enamel	dentin	pulp	cementum
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Option A	Option B	Option C	Option D														
enamel	dentin	pulp	cementum														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
7.	2_9 Science 6007	SORTING MATERIALS INTO GROUPS	Look at the following groups. The property based on which they are divided into 2 groups must be:	<table border="1"> <thead> <tr> <th>GROUP 1</th> <th>GROUP 2</th> </tr> </thead> <tbody> <tr> <td>Glass</td> <td>Metal Sheet</td> </tr> <tr> <td>Mirror</td> <td>Wood</td> </tr> <tr> <td>TV Screen</td> <td>Book</td> </tr> </tbody> </table>	GROUP 1	GROUP 2	Glass	Metal Sheet	Mirror	Wood	TV Screen	Book	C				
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Answer Options																	
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
8.	1_3 Science 7293	SORTING MATERIALS INTO GROUPS	Which of these objects is likely to float on water?		D												
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>a nail</td> <td>a tight ball made of aluminum foil</td> <td>a cup made of aluminum foil</td> <td>a pencil</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	a nail	a tight ball made of aluminum foil	a cup made of aluminum foil	a pencil
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	4_24 Science 10249	SORTING MATERIALS INTO GROUPS	Which of the following is NOT made from petroleum (crude oil)?		D
Answer Options					
Option A		Option B		Option C	
kerosene		diesel		LPG	
Option D					
coal					
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
10.	3_15 Science 3521	SORTING MATERIALS INTO GROUPS	Which of these objects is the heaviest?	 <p>The image shows four diagrams of levers, each with a triangular fulcrum in the center. 1. Top-left: A rectangular weight is on the left pan, and a circular weight is on the right pan. The right pan is lower, indicating it is heavier. 2. Top-right: A circular weight is on the left pan, and an oval weight is on the right pan. The right pan is lower, indicating it is heavier. 3. Bottom-left: A rectangular weight is on the left pan, and a circular weight is on the right pan. The left pan is lower, indicating it is heavier. 4. Bottom-right: A circular weight is on the left pan, and a circular weight is on the right pan. The right pan is lower, indicating it is heavier.</p>	B

Answer Options			
Option A	Option B	Option C	Option D
			

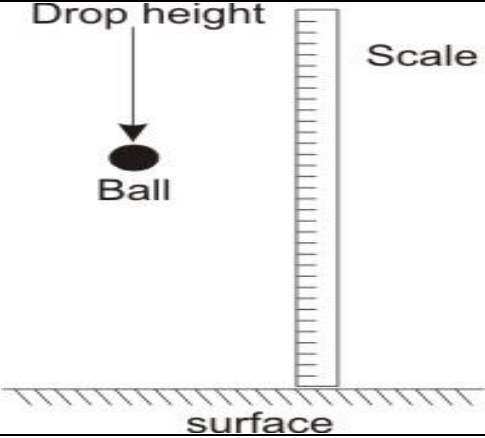
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)															
11.	2_9 Science 6018	SORTING MATERIALS INTO GROUPS	Study the flowchart shown here. Observe the classification of ITEM 1 and ITEM 2. What could ITEM 1 and ITEM 2 be?	<div style="text-align: center;">  </div> <table border="1" style="margin-left: auto; margin-right: auto; text-align: center;"> <thead> <tr> <th></th> <th>ITEM 1</th> <th>ITEM 2</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td>Water</td> <td>Copper</td> </tr> <tr> <td>B.</td> <td>Iron</td> <td>Sugar</td> </tr> <tr> <td>C.</td> <td>Sugar</td> <td>Salt Water</td> </tr> <tr> <td>D.</td> <td>Oxygen</td> <td>Wood</td> </tr> </tbody> </table>		ITEM 1	ITEM 2	A.	Water	Copper	B.	Iron	Sugar	C.	Sugar	Salt Water	D.	Oxygen	Wood	C
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A	B	C	D																	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
12.	2_9 Science 6017	SORTING MATERIALS INTO GROUPS	Which among the following is NOT a fossil fuel?		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>cooking gas</td> <td>wood</td> <td>coal</td> <td>Petrol</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	cooking gas	wood	coal	Petrol
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	2_9 Science 6019	SORTING MATERIALS INTO GROUPS	Which of the following properties of a substance will NOT depend on the AMOUNT of the substance that is present?		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Mass</td> <td>Boiling point</td> <td>Weight</td> <td>Volume</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Mass	Boiling point	Weight	Volume
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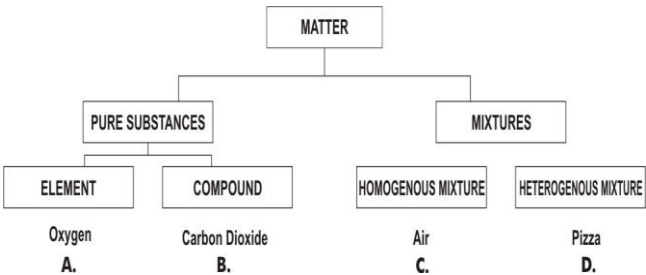
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
14.	1_3 Science 6628	SORTING MATERIALS INTO GROUPS	A petrol pump attendant closes the fuel cap very quickly after filling petrol. Which property of petrol makes him do so?		C				
						Answer Options			
						Option A ductility	Option B malleability	Option C volatility	Option D elasticity
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
15.	3_15 Science 3512	SORTING MATERIALS INTO GROUPS	Anita predicts that more glucose will dissolve in warm water than in cold water. She takes two beakers. In one she takes cold water, adds glucose, stirs it and notes down the amount of undissolved glucose. She should repeat this procedure in the second beaker changing only_____.		B				
						Answer Options			
						Option A	Option B	Option C	Option D

			the amount of water used	the temperature of the water	the amount of glucose used	the amount of stirring	
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QUESTION PAPER
SET- 4
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
1.	4_23 8996	Sorting materials into groups	Greg Chappell, the new Indian cricket coach, wanted to find out which type of surface has the best rebound bounce. For this, what should he NOT keep the same?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">The drop height</td> <td style="text-align: center;">The type of ball</td> <td style="text-align: center;">The type of surface</td> <td style="text-align: center;">The measuring scale</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The drop height	The type of ball	The type of surface	The measuring scale
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
2.	3_17 1458	SORTING MATERIAL IN TO GROUP	Natural resources are of two types - renewable and non-renewable. Which one of the following is a renewable natural		D												

			resource?														
		<table border="1"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>Natural gas</td> <td>coal</td> <td>Petroleum</td> <td>Trees</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	Natural gas	coal	Petroleum	Trees
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Natural gas	coal	Petroleum	Trees														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	3_16 2398	SORTING MATERIALS INTO GROUPS	Which of the following hypothesis CANNOT be tested scientifically?		C												
		<table border="1"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>Salt dissolves in water at a faster rate than sugar.</td> <td>Jogging and regular exercise help curing back pain.</td> <td>Sweets made of jaggery taste better than those made of sugar.</td> <td>Rats grow in size at a slower rate compared to rabbits.</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	Salt dissolves in water at a faster rate than sugar.	Jogging and regular exercise help curing back pain.	Sweets made of jaggery taste better than those made of sugar.	Rats grow in size at a slower rate compared to rabbits.
Answer Options																	
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

4.	4_23 8998	Sorting materials into groups	Study the flowchart given below. Under which category would you put diamond?	 <pre> graph TD MATTER[MATTER] --> PURE_SUBSTANCES[PURE SUBSTANCES] MATTER --> MIXTURES[MIXTURES] PURE_SUBSTANCES --> ELEMENT[ELEMENT] PURE_SUBSTANCES --> COMPOUND[COMPOUND] MIXTURES --> HOMOGENOUS_MIXTURE[HOMOGENOUS MIXTURE] MIXTURES --> HETEROGENOUS_MIXTURE[HETEROGENOUS MIXTURE] ELEMENT --- OXYGEN[Oxygen] OXYGEN --- A[A.] COMPOUND --- CARBON_DIOXIDE[Carbon Dioxide] CARBON_DIOXIDE --- B[B.] HOMOGENOUS_MIXTURE --- AIR[Air] AIR --- C[C.] HETEROGENOUS_MIXTURE --- PIZZA[Pizza] PIZZA --- D[D.] </pre>	A
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Answer Options			
Option A	Option B	Option C	Option D
A	B	C	D

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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5.	4_23 8997	Sorting materials into group	Due to which property of LPG are we asked to close the valve of the gas cylinder, in the kitchen of our homes?		A
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Answer Options			
Option A	Option B	Option C	Option D
It is inflammable	It is a liquid	It has a bad smell	It is a mixture

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
6.	3_17 1489	SORTING MATERIAL IN TO GROUP	The diagram given below shows how the world's energy supply has changed since 1850. Using the key, what valid conclusion can be reached?	<p>1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990</p> <p>POWER SOURCE</p> <ul style="list-style-type: none"> Muscles Wood Coal Oil Gas Nuclear 	C										
						<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Gas as a source of energy is not popular nowadays.</td> <td>The total energy supply has remained the same since 1850.</td> <td>Usage of coal initially increased and then decreased.</td> <td>Nuclear energy is used more than oil today.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B
Answer Options															
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
7.	3_17 1492	SORTING MATERIAL IN TO GROUP	What information does the PIN code on a letter give?		B										
						<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>the house number of the person the letter is for</td> <td>the town to which the letter is sent</td> <td>the date on which the letter was posted</td> <td>the time it will take for the letter to be delivered</td> </tr> </tbody> </table>				Answer Options				Option A	Option B
Answer Options															
Option A	Option B	Option C	Option D												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
8.	3_15 3536	Sorting materials into groups	P and Q are two substances such that the melting point of P and the boiling point of Q are the same. If P is a solid at a certain temperature, what state will Q be in at the same temperature?		A

Answer Options			
Option A	Option B	Option C	Option D
solid or liquid	liquid definitely	gas definitely	liquid or gas

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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9.	3_15 3537	Sorting materials into groups	Police stop a truck at a check post which claims to be carrying sacks of Humic Acid Sodium, a black, water soluble fertilizer. When the truck is examined, it is found to have sacks of at least four different materials which the police label W, X, Y and Z. They suspect that apart from the fertilizer, the truck is carrying iron filings, gunpowder, and black powdered wood. They conduct some tests whose results are as follows .Which of them, if any, may be gunpowder?	<table border="1"> <thead> <tr> <th></th> <th>W</th> <th>X</th> <th>Y</th> <th>Z</th> </tr> </thead> <tbody> <tr> <td><i>Physical form</i></td> <td>black lumps</td> <td>fine black pieces</td> <td>black pieces</td> <td>fine black powder</td> </tr> <tr> <td><i>Dissolves in water</i></td> <td>Yes</td> <td>No</td> <td>No</td> <td>No</td> </tr> <tr> <td><i>Attracted to a magnet</i></td> <td>No</td> <td>Yes</td> <td>No</td> <td>No</td> </tr> <tr> <td><i>Burns when lit</i></td> <td>No</td> <td>No</td> <td>Yes, after some time</td> <td>Easily, explosively</td> </tr> </tbody> </table>		W	X	Y	Z	<i>Physical form</i>	black lumps	fine black pieces	black pieces	fine black powder	<i>Dissolves in water</i>	Yes	No	No	No	<i>Attracted to a magnet</i>	No	Yes	No	No	<i>Burns when lit</i>	No	No	Yes, after some time	Easily, explosively	D
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																																											
10.	4_25 11824	SORTING MATERIAL IN TO GROUP	Arrange the rocks in DECREASING order of hardness.	<table border="1"> <thead> <tr> <th>Rock sample</th> <th colspan="5">Scratched by</th> </tr> <tr> <th></th> <th>Chalk</th> <th>Flint</th> <th>Granite</th> <th>Sandstone</th> <th>Shale</th> </tr> </thead> <tbody> <tr> <td>Chalk</td> <td>x</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>Flint</td> <td>No</td> <td>x</td> <td>No</td> <td>No</td> <td>No</td> </tr> <tr> <td>Granite</td> <td>No</td> <td>Yes</td> <td>x</td> <td>No</td> <td>No</td> </tr> <tr> <td>Sandstone</td> <td>No</td> <td>Yes</td> <td>Yes</td> <td>x</td> <td>No</td> </tr> <tr> <td>Shale</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>x</td> </tr> </tbody> </table>	Rock sample	Scratched by						Chalk	Flint	Granite	Sandstone	Shale	Chalk	x	Yes	Yes	Yes	No	Flint	No	x	No	No	No	Granite	No	Yes	x	No	No	Sandstone	No	Yes	Yes	x	No	Shale	Yes	Yes	Yes	Yes	x	C	
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11.	3_16 2362	SORTING MATERIALS INTO GROUPS	Nikhil cycles to the library located on a busy main road. He wants to park his cycle. Under which of these signs should he park his cycle?		D																																											

		Answer Options			
		Option A	Option B	Option C	Option D
					

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
12.	3_17 1464	SORTING MATERIAL IN TO GROUP	Sometimes oil which is being carried from one place to another by ship leaks, with disastrous consequences for aquatic life. Which of these is NOT a reason why oil slicks are so harmful?		D

Answer Options			
Option A	Option B	Option C	Option D
Oil does not evaporate easily.	Oil floats on water.	Aquatic animals need air to breathe	Oil is highly inflammable.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
13.	2_10 Science	Sorting materials into	Ramesh is performing an experiment to determine the boiling point of a		C

	4133	groups	liquid. The boiling point will NOT change if:		
Answer Options					
Option A		Option B		Option C	
salt is added to the liquid.		sugar is added to the liquid.		the quantity of liquid is increased.	
				Option D	
				the experiment is conducted on a hill station.	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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14.	1_3 Science 6581	Sorting materials into groups	Raghav and his friends have been given 3 substances and asked to find out which of them is the hardest. Which of these is the most scientific way to start?		A
-----	------------------------	-------------------------------	---	--	---

Answer Options					
Option A		Option B		Option C	
Raghav: Let us understand what is the meaning of "hard" and a way to measure it."		Ramesh: This piece of glass is the hardest - I have read that glass is very hard."		Sajida: Let us ask our seniors the answer - they must have done this last year."	
				Option D	
				Sanjana: This is not in our syllabus - how can we do it?"	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option
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	n Code				- A, B, C, D)												
15.	1_3 Science 7250	Sorting materials into groups	Identify the solid whose shape we can change without cutting or breaking it.		B												
<table border="1" style="margin: auto;"> <tr> <td colspan="4">Answer Options</td> </tr> <tr> <td style="text-align: center;">Option A</td> <td style="text-align: center;">Option B</td> <td style="text-align: center;">Option C</td> <td style="text-align: center;">Option D</td> </tr> <tr> <td style="text-align: center;">Wax crayons</td> <td style="text-align: center;">Modelling clay</td> <td style="text-align: center;">Steel</td> <td style="text-align: center;">Cork</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	Wax crayons	Modelling clay	Steel	Cork
Answer Options																	
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QUESTION PAPER
SET- 5
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)			
1.	4_23 8992	Sorting materials into group.	Four students are standing around a bucket of very hot water. Each student holds one end of a rod. The rods are identical in shape and size, but made of different materials - aluminium, plastic, wood and rubber. The students place the other end of the rod at the same time in the hot water. The student who will feel the heat first will be the one holding		A			
					Answer Options			
					Option A	Option B	Option C	Option D
			the aluminium rod	the plastic rod	the wooden rod	the rubber rod		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)			
2.	4_24 10232	SORTING OF MATERIALS	Which of the above are ANIMALS?		C			

Answer Options				
Option A	Option B	Option C	Option D	
only the tiger	the tiger and pigeon	the tiger, grasshopper and pigeon	all five of them	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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3.	1_3 Science 6601	Sorting materials into groups	The concept that matches the definition 'the amount of matter in a substance' is _____.		B
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Answer Options					
Option A	Option B	Option C	Option D		
weight	mass	kilogram	gravitational force		

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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4.	1_3 Science 7311	Sorting materials into groups	Which is the smallest particle of sugar that still has all the properties of sugar?		B
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Answer Options			
Option A	Option B	Option C	Option D
Atom	Molecule	Isotope	Electron

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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5.	3_17 1450	SEPARATION OF SUBSTANCES	Which surface is LEAST likely to absorb rain water?		A
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Answer Options			
Option A	Option B	Option C	Option D
A tar road	A grass meadow	A cricket field	Clayey soil

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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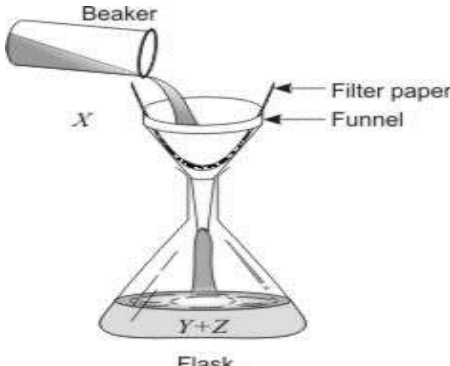
6.	3_17 1452		Which one of these need energy to work? 1. Mobile Phones 2. Cars 3. Watches															
		Answer Options																
		Option A Only 2	Option B Only 1 and 2	Option C Only 1 and 3	Option D 1,2, and 3													
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
7.	3_15 3506	Separation of substances	Which of these suggests that oil and water do not mix?			D												
		Answer Options																
		Option A Oil is used for frying while water is not.	Option B Oil burns while water does not.	Option C Oil is sticky and black, while water is clear and wet.	Option D Oil floats in a separate layer on top of water.													
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
8.	3_17 1455	SEPARATION OF SUBSTANCES	The freezing points of some oils are given in the table: If Surat had a maximum temperature of 29 °C and a minimum temperature of 14 °C on one day, which of these oils would have been solid for part of the day and liquid for another	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name of the oil</th> <th style="text-align: left;">Freezing point</th> </tr> </thead> <tbody> <tr> <td>Corn oil</td> <td>-20°C</td> </tr> <tr> <td>Coconut oil</td> <td>25°C</td> </tr> <tr> <td>Sunflower oil</td> <td>-17°C</td> </tr> <tr> <td>Peanut oil</td> <td>3°C</td> </tr> <tr> <td>Olive oil</td> <td>-6°C</td> </tr> </tbody> </table>		Name of the oil	Freezing point	Corn oil	-20°C	Coconut oil	25°C	Sunflower oil	-17°C	Peanut oil	3°C	Olive oil	-6°C	B
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
9.	4_25 11814	SEPARATION OF SUBSTANCES	Which of these statements holds true for all liquids?		B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>Liquids have a shape of their own.</td> <td>The molecules of a liquid are packed less tightly than the molecules of a solid.</td> <td>When cooled, liquids become gases.</td> <td>The volume of a liquid changes when it is poured into a different vessel.</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	Liquids have a shape of their own.	The molecules of a liquid are packed less tightly than the molecules of a solid.	When cooled, liquids become gases.	The volume of a liquid changes when it is poured into a different vessel.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
	4_25		The simplest way of separating visible solid		A												

10.	11819	SEPARATION OF SUBSTANCES	impurities that do not dissolve in water from water is		
Answer Options					
		Option A	Option B	Option C	Option D
		by using a sieve.	by using a magnet.	by chlorination.	by stirring.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
11.	4_25 11826	SEPARATION OF SUBSTANCES	What is the difference between evaporation and boiling?		B
Answer Options					
		Option A	Option B	Option C	Option D
		There is no difference - they are exactly the same.	Evaporation, unlike boiling, occurs at all temperatures.	In evaporation, unlike in boiling, there is no state change.	In boiling, unlike in evaporation, the liquid volume reduces.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
12.	4_24 10244	SEPARATION OF SUBSTANCES	Bacteria in drinking water cause a number of diseases. Which of the following methods kills most of the bacteria in drinking water?		C

Answer Options			
Option A	Option B	Option C	Option D
Refrigeration	Churning	Boiling	Sedimentation

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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13.	4_24 10239	SEPARATION OF SUBSTANCES	When filtered through a funnel into a flask, a mixture of substances X, Y and Z get separated as below:- X stays in the filter Y and Z filter through and collect in the flask .What could X, Y and Z be?	<table border="1" style="margin-bottom: 10px;"> <tr> <td></td> <td style="text-align: center;">X</td> <td style="text-align: center;">Y</td> <td style="text-align: center;">Z</td> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">Chilli powder</td> <td style="text-align: center;">Tea leaves</td> <td style="text-align: center;">Oil</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">Oil</td> <td style="text-align: center;">Pepper powder</td> <td style="text-align: center;">Water</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">Mustard seeds</td> <td style="text-align: center;">Water</td> <td style="text-align: center;">Salt</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">Water</td> <td style="text-align: center;">Sugar</td> <td style="text-align: center;">Soap powder</td> </tr> </table> 		X	Y	Z	A	Chilli powder	Tea leaves	Oil	B	Oil	Pepper powder	Water	C	Mustard seeds	Water	Salt	D	Water	Sugar	Soap powder	C
	X	Y	Z																						
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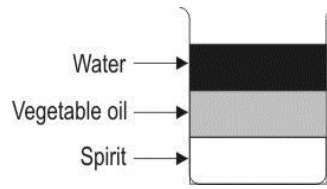
Answer Options			
Option A	Option B	Option C	Option D
A	B	C	D

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	4_24 10234	SEPARATION OF SUBSTANCES	Dishonest traders sometimes mix adulterants (for example, small stones in rice, water in milk, chalk powder in flour) to the food stuffs they sell. Which of these properties would the adulterant always have?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">It must look exactly the same as the food stuff.</td> <td style="text-align: center;">It must taste exactly the same as the food stuff.</td> <td style="text-align: center;">It must be cheaper compared to the food stuff.</td> <td style="text-align: center;">It must be a naturally-occurring substance.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	It must look exactly the same as the food stuff.	It must taste exactly the same as the food stuff.	It must be cheaper compared to the food stuff.	It must be a naturally-occurring substance.
Answer Options																	
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	1_3 Science 7320	Separation of substances	Vegetable oil (which is golden coloured) floats on water. Spirit (which is colourless) floats on vegetable oil. Ramu took some water and coloured it blue by adding a few drops of ink. He then added some vegetable oil followed by spirit very carefully so that the three layers stayed separate. What		D												

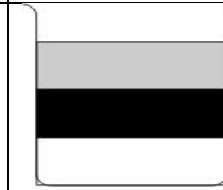
will Ramu's container look like?

Answer Options

Option A

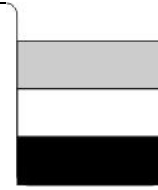


Option B



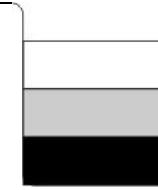
B.

Option C



C.

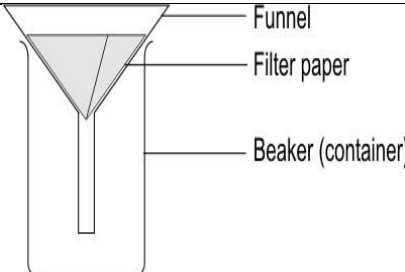
Option D



D.

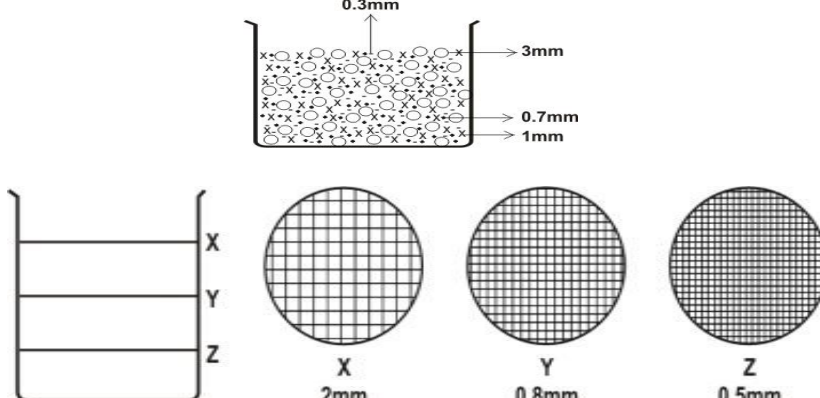
QUESTION PAPER
SET- 6
SUBJECT : SCIENCE
GRADE : 6



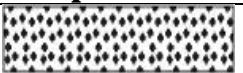
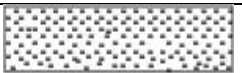
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	1_3 Science 6596	Separation of substances	There are two beakers having oil and water as shown below. The oil is of a type that floats on water and does not mix with it. If all the water from the first beaker is poured into the beaker of oil, what will be the level in the second beaker?		B
Answer Options					
		Option A	Option B	Option C	Option D
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

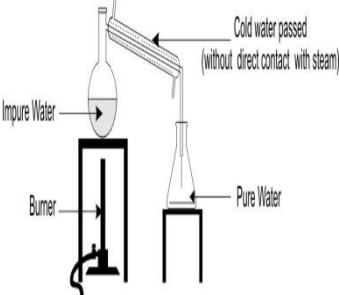
2.	1_3 Science 6572	Separation of substances	The set up shows an apparatus for filtration. This apparatus can be used for separating which of the following mixtures?		D
----	------------------------	--------------------------	--	--	---

Answer Options			
Option A	Option B	Option C	Option D
salt and sugar	sugar and water	glucose and water	saw dust and water

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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3.	2_10 SCIENCE 4124	Separation of substances	A mixture consists of 4 different components as shown here. It is passed through several layers of mesh plates whose sizes are given below. What will collect at the bottom of vessel?		D
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Answer Options			
Option A	Option B	Option C	Option D
 A.	 B.	 C.	 D.



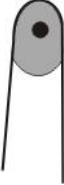



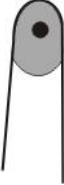



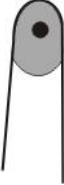


S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
4.	2_10 Science 4105	Separation of substances	Which of these cannot be used to make water safer to drink?		D												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Filtration</td> <td style="text-align: center;">Boiling</td> <td style="text-align: center;">UV Filtration</td> <td style="text-align: center;">Refrigeration</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Filtration	Boiling	UV Filtration	Refrigeration
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5.	2_9 Science 4932	Separation of substances	The apparatus used for purifying water using a method called 'distillation' is shown below. If Impure water is boiled and the steam formed is passed through a chamber. Why is the cold water also passed through this chamber?		B												

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6.	1_3 Science 7285	Separation of substances	Salt dissolving in water can be called a REVERSIBLE CHANGE because_____.		B												
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7.	1_3 Science 7312	Separation of substances	Ram filtered a jar of muddy water. Filtration helps Ram to _____.		A												
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9.	3_17 1470	SEPARATION OF SUBSTANCES	Rani wants to find out whether the temperature of water makes any difference to the rate at which salt dissolves. She has planned 6 set ups P, Q, R, S, T and U. Which TWO set ups above should she use?		C															

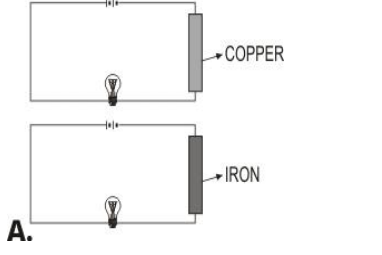
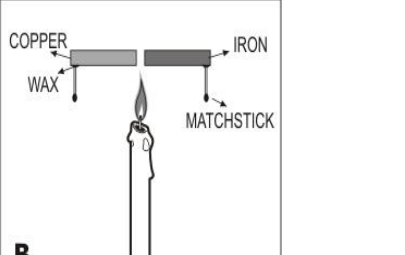
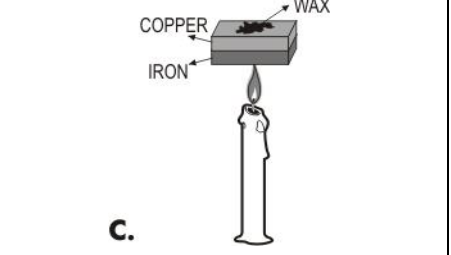
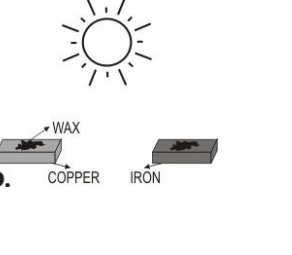
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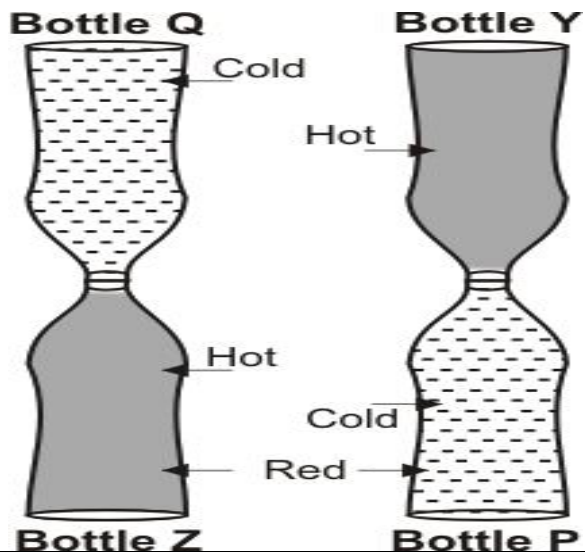
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
11.	3_16 2396	CHANGES AROUND US	The night of July 31st, 2004 is a full moon night in Delhi. Will it also be a full moon night in Mumbai? In New York?		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						It will be a full moon night in both Mumbai and New York.	It will not be a full moon night in either Mumbai or New York.	It will be a full moon night in Mumbai, but not in New York.	It will be a full moon night in New York, but not in Mumbai
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
12.	3_16 2384	CHANGES AROUND US	Anita conducted a scientific experiment and reported the results. If Anita's results are valid, then others in her class should be able to		A				
						Answer Options			
						Option A	Option B	Option C	Option D
perform the same experiment under the same conditions and obtain the same results.	perform the same experiment under the same conditions and obtain different results.	perform the same experiment under different conditions and obtain the same results.	perform a different experiment and obtain the same results.						

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	3_16 2404	CHANGES AROUND US	<p>The Election Commission in India uses an indelible ink to mark the fingernails of voters as evidence of their having voted. This ink made of Silver Iodide and other pigments, leaves a mark on the cuticle of the nail as shown: What is the likely appearance of this indelible mark in the nail of the index finger after 3 months?</p>		B												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" data-bbox="450 849 2045 895">Answer Options</th> </tr> <tr> <th data-bbox="450 895 824 941">Option A</th> <th data-bbox="824 895 1160 941">Option B</th> <th data-bbox="1160 895 1576 941">Option C</th> <th data-bbox="1576 895 2045 941">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 941 824 1129">  </td> <td data-bbox="824 941 1160 1129">  </td> <td data-bbox="1160 941 1576 1129">  </td> <td data-bbox="1576 941 2045 1129">  </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
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14.	4_23 8991	Changes around us	Melting of ice to form water is called a reversible change because		B												
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15.	3_17 1483	CHANGES AROUND US	A blanket keeps us warm. The time a cube of ice will take to melt will _____ if it wrapped in a piece of cloth from a blanket.		A												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>increase</td> <td>decrease</td> <td>stay unchanged</td> <td>stay unchanged</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	increase	decrease	stay unchanged	stay unchanged
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QUESTION PAPER
SET- 7
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	3_15 3530	Changes around us.	Which of these is the most suitable way to find out if iron or copper is a better conductor of heat?		B
Answer Options					
		Option A	Option B	Option C	Option D
		 <p>A.</p>	 <p>B.</p>	 <p>C.</p>	 <p>D.</p>
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

2.	3_15 3539	Changes around us	Take four identical bottles. Fill two bottles P and Q with cold water and Y and Z with hot water. Mix red colouring material in bottles P and Z. Close the mouths of bottles Q and Y with your thumbs. Bring the bottles over the mouths of bottles Z and P respectively and place it on them as shown in the figure. What is likely to be the visible change?		C
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Answer Options			
Option A	Option B	Option C	Option D
The water in bottles Y and Q becomes coloured at the same time.	The water in bottle Y becomes coloured first	The water in bottle Q becomes coloured first	No colour change occurs in Q or Y.

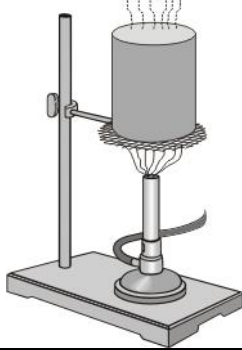
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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3.	4_25 11810	CHANGES AROUND US	The time a cube of ice will take to melt will _____ if it is wrapped in a piece of cloth from a blanket.		A
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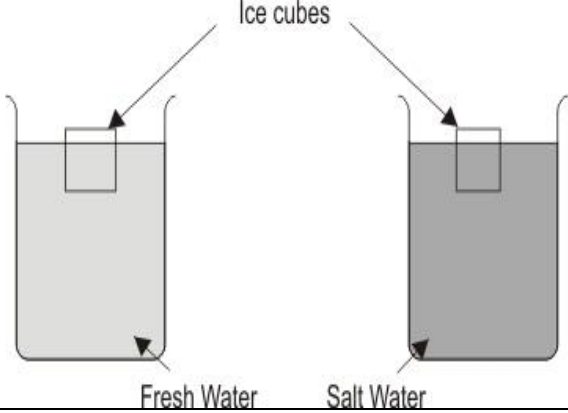
Answer Options			
Option A	Option B	Option C	Option D
increase	decrease	stay unchanged	(depends on the size of the cube)

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
4.	4_25 11874	Changes around us	Which of the following is a chemical change?		C												
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5.	1_3 Science 7305	Changes around us	Which of these options contains processes involving change of state from LIQUID to GAS?		D												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
6.	1_3 Science 6609	Changes around us	Which of these is a chemical reaction?		D												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
7.	2_9 Science 5999	Changes around us	Identify the CHEMICAL CHANGE among the following.		C												
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8.	3_16 2382	CHANGES AROUND US	Kajol removes the lid of an empty metal can and fills it with a little water. She then heats the can till the water boils. If she quickly removes the can and covers it tightly with its lid, what is likely to happen?		B
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Answer Options			
Option A	Option B	Option C	Option D
The can will explode.	The can will get crushed.	The lid will be blown away.	The can will remain unaffected.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	3_16 2383	CHANGES AROUND US	Sonia wants to find out if ice will melt faster in fresh water or salt water. She takes 2 containers with 200 ml of water in each and adds 2 tablespoons of salt to water in one of the containers. She then adds one ice cube each to each container and notes down the time taken by both ice cubes for melting completely. Is there any mistake in the set-up of Sonias experiment ?		D

		Answer Options															
		Option A	Option B	Option C	Option D												
		No, she has planned all the variables correctly.	Yes, she should have added salt in both the containers.	Yes, the containers should be exactly of the same shape.	Yes, the ice cubes should be of similar size and weight.												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
10.	3_16 2372	CHANGES AROUND US	If you burn your hand by accidentally putting your hand into very hot water, what should you do immediately to treat it?		A												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

11.	1_3 science 6565	Changes around us	It is winter, and the students of class 5 would like to choose a dry, sunny day for their picnic. Today is Sunday, and the newspaper has this day weather forecast. Which of these days would be the best for the picnic?	<table border="1"> <thead> <tr> <th>DAY</th> <th>SUN</th> <th>MON</th> <th>TUE</th> <th>WED</th> <th>THU</th> </tr> </thead> <tbody> <tr> <td>FORECAST</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MAX MIN</td> <td>32°C 18°C</td> <td>24°C 16°C</td> <td>24°C 16°C</td> <td>28°C 18°C</td> <td>30°C 20°C</td> </tr> </tbody> </table>	DAY	SUN	MON	TUE	WED	THU	FORECAST						MAX MIN	32°C 18°C	24°C 16°C	24°C 16°C	28°C 18°C	30°C 20°C	D
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FORECAST																							
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																		
12.	1_3 Science 6567	Changes around us	Bindu's teacher asked a few students to perform an experiment described in the textbook. However, Bindu found that her results were different from what was described in the book. What should Bindu do?		D																		
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>She should keep repeating the experiment till she gets the result reported in the textbook.</td> <td>She should change the observations so that she gets the result reported in the textbook</td> <td>She should use her friends' observations.</td> <td>She should report her observations the way they are.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	She should keep repeating the experiment till she gets the result reported in the textbook.	She should change the observations so that she gets the result reported in the textbook	She should use her friends' observations.	She should report her observations the way they are.						
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	2_10 Science 4096	Changes around us	Chemical energy -----> Heat energy -----> Mechanical energy. In which of the following is the energy change as given above?		B												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>A torch</td> <td>A steam engine</td> <td>A windmill</td> <td>An electric bulb</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	A torch	A steam engine	A windmill	An electric bulb
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	2_10 Science 4097	Changes around us	Winds blow because		C												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>trees shake.</td> <td>birds fly.</td> <td>of temperature differences between places.</td> <td>the earth revolves around the sun.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	trees shake.	birds fly.	of temperature differences between places.	the earth revolves around the sun.
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S.N	Folder Number &	Topic	Question With Answers Options	Image (If Any)	Correct Answer (

	Question Code				Option - A, B, C, D)												
15.	2_10 Science 4100	Changes around us	Compared to the days in the beginning of the monsoon season, days at the end of the season in India are		B												
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>longer.</td> <td>shorter.</td> <td>of the same length.</td> <td>longer or shorter depending on the place.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	longer.	shorter.	of the same length.	longer or shorter depending on the place.
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Option A	Option B	Option C	Option D														
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QUESTION PAPER
SET- 8
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																
1.	2_10 Science 4101	Changes around us	A tight metal lid on a jar of jam loosens when it is held in hot water because the hot water causes the _____.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Glass jar to contract.</td> <td style="text-align: center;">Metal lid to contract.</td> <td style="text-align: center;">Glass jar to expand more than the metal lid.</td> <td style="text-align: center;">Metal lid to expand more than the glass jar.</td> </tr> </tbody> </table>		Answer Options				Option A	Option B	Option C	Option D	Glass jar to contract.	Metal lid to contract.	Glass jar to expand more than the metal lid.	Metal lid to expand more than the glass jar.	D			
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2.	2_10 Science 4107	Changes around us	Which option correctly identifies processes X and Y? Process X: Gives out both heat and light. Process Y: Carried out by both plants and animals	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 25%;">Process X</th> <th style="width: 25%;">Process Y</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">Respiration</td> <td style="text-align: center;">Photosynthesis</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">Decay</td> <td style="text-align: center;">Respiration</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">Photosynthesis</td> <td style="text-align: center;">Burning</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">Burning</td> <td style="text-align: center;">Respiration</td> </tr> </tbody> </table>			Process X	Process Y	A	Respiration	Photosynthesis	B	Decay	Respiration	C	Photosynthesis	Burning	D	Burning	Respiration	D
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Answer Options			
Option A	Option B	Option C	Option D
A	B	C	D

		<table border="1"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	A	B	C	D
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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3.	2_10 Science 4110	Changes around us	What does 'humidity' exactly refer to?		A
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Answer Options			
Option A	Option B	Option C	Option D
The level of water vapour in the air.	The level of rainfall.	The level of pollution in the air.	The level of oxygen in the air.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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4.	2_10 Science 4112	Changes around us	Why does the moon appear in different shapes every night?		D
----	-------------------------	-------------------	---	--	---

Answer Options			
Option A	Option B	Option C	Option D

		<table border="1"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D
Answer Options													
Option A	Option B	Option C	Option D										

		The moon's real shape changes every night.	The moon reflects a part of the light from the earth.	The earth blocks the sun's light from reaching the moon.	From the earth's position, only a part of the lit portion of the moon is seen.												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
5.	2_10 Science 4131	Changes around us	Ramesh is performing an experiment to determine the boiling point of a liquid. The boiling point will NOT change if:		C												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>salt is added to the liquid.</td> <td>sugar is added to the liquid.</td> <td>the quantity of liquid is increased.</td> <td>the experiment is conducted on a hill station.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	salt is added to the liquid.	sugar is added to the liquid.	the quantity of liquid is increased.	the experiment is conducted on a hill station.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
6.	2_10 Science 4132	Changes around us	What would be the weather in New Delhi when the position of the earth is at R as shown in the figure?		B												

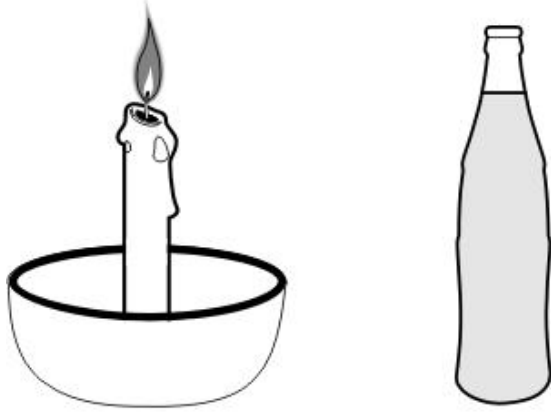
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
7.	2_10 Science 4137	Changes around us	On which of the planets listed above would an iron sheet melt if it were kept on the surface?	<table border="1"> <thead> <tr> <th>Planet</th> <th>Average Surface Temperature(°C)</th> </tr> </thead> <tbody> <tr> <td>Pluto</td> <td>-223</td> </tr> <tr> <td>Uranus</td> <td>-216</td> </tr> <tr> <td>Saturn</td> <td>-176</td> </tr> <tr> <td>Venus</td> <td>459</td> </tr> </tbody> </table> <p style="text-align: center;">Table 1</p>	Planet	Average Surface Temperature(°C)	Pluto	-223	Uranus	-216	Saturn	-176	Venus	459	D		
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Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

8.	2_10 Science 4138	Changes around us	If oxygen and mercury were present on Uranus, what state of matter would each be in?	<table border="1"> <thead> <tr> <th>Substance</th> <th>Melting point (°C)</th> <th>Boiling Point (°C)</th> </tr> </thead> <tbody> <tr> <td>Iron</td> <td>1535</td> <td>2750</td> </tr> <tr> <td>Hydrogen</td> <td>-259</td> <td>-253</td> </tr> <tr> <td>Oxygen</td> <td>-218</td> <td>-183</td> </tr> <tr> <td>Mercury</td> <td>-39</td> <td>35</td> </tr> </tbody> </table>	Substance	Melting point (°C)	Boiling Point (°C)	Iron	1535	2750	Hydrogen	-259	-253	Oxygen	-218	-183	Mercury	-39	35	C
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Table 2																				

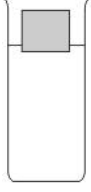
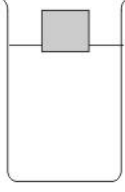
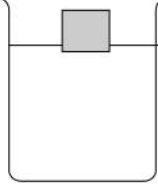
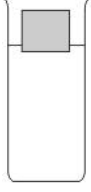
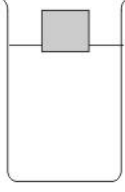
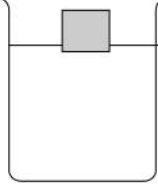
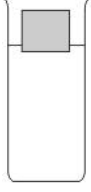
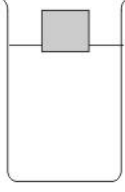
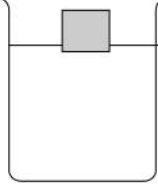
Answer Options			
Option A	Option B	Option C	Option D
Oxygen - Solid; Mercury - Solid	Oxygen - Solid; Mercury - Liquid	Oxygen - Liquid; Mercury - Solid	Oxygen - Gas; Mercury- Liquid

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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9.	1_3 Science 7295	Changes around us	Shown here is the picture of an ink filler. When this ink filler is dipped into a beaker of water and the bulb is pressed, air bubbles appear in the water. Why does this happen?		B
----	------------------------	-------------------	---	--	---

		Answer Options															
		Option A	Option B	Option C	Option D												
		Air in the atmosphere forms the bubbles.	The air in the ink filler is released to form bubbles.	The liquid rushes into the filler forming bubbles.	The air in the water forms bubbles.												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
10.	1_3 Science 7299	Changes around us	Kiran's mother placed a candle in a bowl as shown and lit it. A little while later, Kiran opened a bottle of Pepsi and poured it quickly into the bowl. What will happen?		B												
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>The candle flame will burn brighter.</td> <td>The candle flame will be put out.</td> <td>The candle and flame will be completely unaffected.</td> <td>The candle will break.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	The candle flame will burn brighter.	The candle flame will be put out.	The candle and flame will be completely unaffected.	The candle will break.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

11.	1_3 Science 7301	Changes around us	A piece of brown cork was cut into small pieces. Which of these will change as a result?		A
		Answer Options			
		Option A	Option B	Option C	Option D
		its size	its colour	the nature of its atom	its density
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
12.	1_3 Science 7306	Changes around us	John's bedroom windows shake when crackers are burst near his house. Which of these scientific facts explains why this happens?		A
		Answer Options			
		Option A	Option B	Option C	Option D
		Sound waves transmit energy.	Heat waves transmit energy.	Light waves transmit energy.	Radio waves transmit energy.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
	1_3	Changes	Three beakers of different sizes are		A

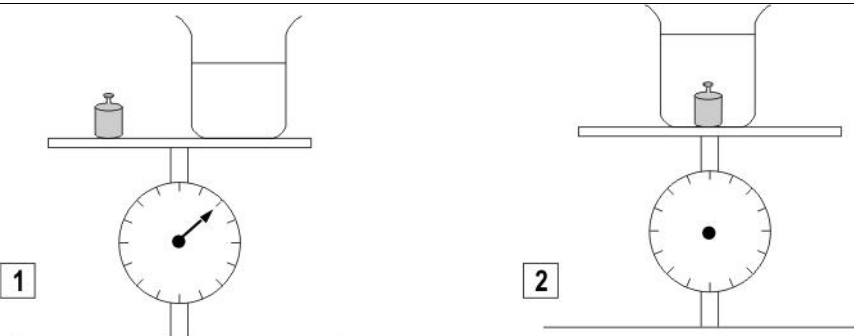
13.	Science 7317	around us	filled with water to the same height. The temperature of water is the same in all the beakers. If a cube of ice is added to each of the four beakers, which one will have the lowest temperature after the ice melts?														
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="450 376 2045 421">Answer Options</th> </tr> <tr> <th data-bbox="450 421 824 466">Option A</th> <th data-bbox="824 421 1160 466">Option B</th> <th data-bbox="1160 421 1579 466">Option C</th> <th data-bbox="1579 421 2045 466">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 466 824 692">  <p data-bbox="499 671 533 692">A.</p> </td> <td data-bbox="824 466 1160 692">  <p data-bbox="891 671 925 692">B.</p> </td> <td data-bbox="1160 466 1579 692">  <p data-bbox="1249 671 1283 692">C.</p> </td> <td data-bbox="1579 466 2045 692"> <p data-bbox="1592 491 1742 592">All will be at the same temperature</p> <p data-bbox="1653 644 1686 665">D.</p> </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	 <p data-bbox="499 671 533 692">A.</p>	 <p data-bbox="891 671 925 692">B.</p>	 <p data-bbox="1249 671 1283 692">C.</p>	<p data-bbox="1592 491 1742 592">All will be at the same temperature</p> <p data-bbox="1653 644 1686 665">D.</p>
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	1_3 Science 6617	Changes around us	Manish and Revati are making lemon juice for themselves. Manish wants cold juice, so he adds sugar to “cold water”. Revati adds the same amount of sugar, but the water is at “room temperature”. In which case will the sugar dissolve faster and why?		A												

Answer Options			
Option A	Option B	Option C	Option D
Revati's, because as the temperature of water increases, sugar dissolves faster.	Manish's, because as the temperature of water decreases, sugar dissolves faster	In both cases the time to dissolve will be the same - the temperature of water makes no difference to this.	It depends on the exact temperature of the water in the two glasses.

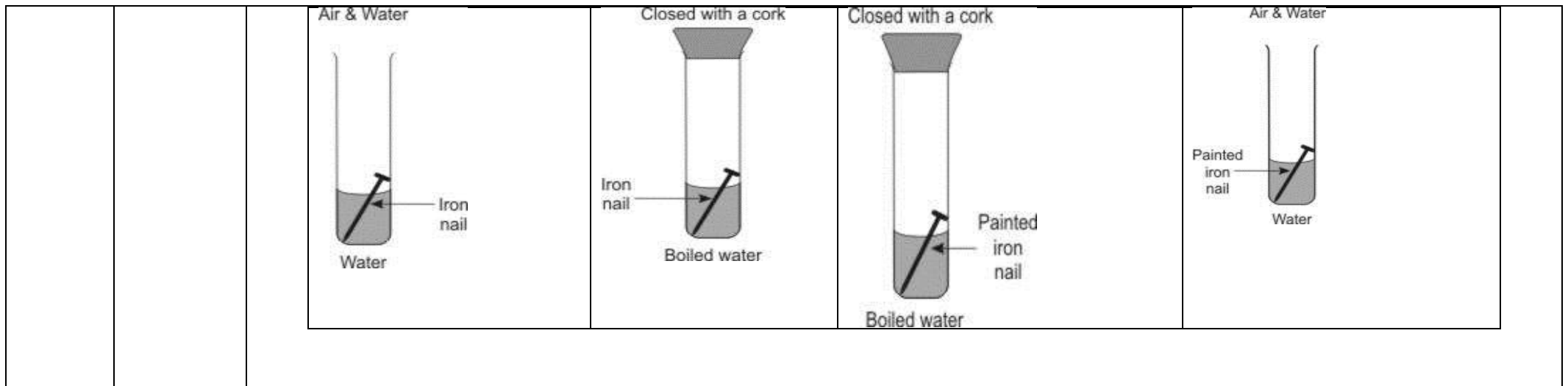
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	1_3 Science 6631	Changes around us	Sprinkling a little salt on ice helps to melt the ice. Shakun has three glasses of water with him. Glasses A and C have pure water and Glass B has salt water. He puts glasses A and B into the freezer and leaves C outside. Which of these will take the least time to freeze?		A												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>glass A</td> <td>glass B</td> <td>both glasses A and C will freeze at the same time.</td> <td>glass C</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	glass A	glass B	both glasses A and C will freeze at the same time.	glass C
Answer Options																	
Option A	Option B	Option C	Option D														
glass A	glass B	both glasses A and C will freeze at the same time.	glass C														

**QUESTION PAPER
SET- 9
SUBJECT : SCIENCE
GRADE : 6**

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	1_3 Science 6635	Changes around us	Goldsmiths often add another metal (usually copper) to pure gold while making ornaments. Which of these could be the possible reason?		B
Answer Options					
		Option A	Option B	Option C	Option D
		to reduce its electrical conductivity	to increase its hardness	to reduce its specific heat	to increase its melting point
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

2.	1_3 Science 6638	Changes around us	Elizabeth put a weight and a beaker of water on a scale, as shown in the first picture. Then she moved the beaker and put the weight in it, as shown in the second picture. What will the scale show now?		C												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>less than the first reading</td> <td>more than the first reading</td> <td>same as the first reading</td> <td>It depends on the density of the weight.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	less than the first reading	more than the first reading	same as the first reading	It depends on the density of the weight.
Answer Options																	
Option A	Option B	Option C	Option D														
less than the first reading	more than the first reading	same as the first reading	It depends on the density of the weight.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	2_9 Science 6031	Changes around us	When we view a solid through a magnifying glass, what happens to the molecules of the solid?		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>The molecules of the solid move apart and become large in size.</td> <td>The molecules of the solid remain at the same place and become large.</td> <td>The molecules of the solid move apart but stay the same size.</td> <td>The molecules of the solid do not change their size or position.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The molecules of the solid move apart and become large in size.	The molecules of the solid remain at the same place and become large.	The molecules of the solid move apart but stay the same size.	The molecules of the solid do not change their size or position.
Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
4.	2_9 Science 4950	Changes around us	The lowest and highest temperatures anywhere on the earth every year are around:		D												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>0&deg;C and 100&deg;C.</td> <td>-10&deg;C and 40&deg;C.</td> <td>-50&deg;C and 50&deg;C.</td> <td>-20&deg;C and 60&deg;C.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	0°C and 100°C.	-10°C and 40°C.	-50°C and 50°C.	-20°C and 60°C.
Answer Options																	
Option A	Option B	Option C	Option D														
0°C and 100°C.	-10°C and 40°C.	-50°C and 50°C.	-20°C and 60°C.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
5.	4_24 10255	CHANGES AROUND US	In which of the test tubes shown below is rusting likely to take place fastest?		A												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
Answer Options																	
Option A	Option B	Option C	Option D														




S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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6.	3_17 1459	GETTING TO KNOW PLANTS	In which of these test tubes would the seeds germinate?		A
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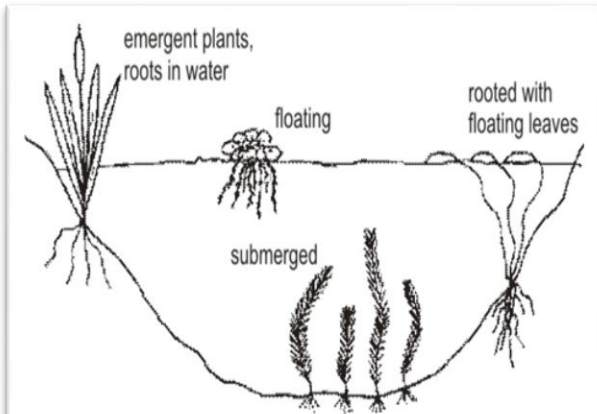
Answer Options

Option A	Option B	Option C	Option D
<p>A.</p>	<p>B.</p>	<p>C.</p>	<p>D.</p>

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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7.	3_17 1461	GETTING TO KNOW PLANTS	Climbing plants use other plants or rocks or man-made structures for support. Which of these is a climber?			C												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>Banana plant</td> <td>Sugarcane plant</td> <td>Grape plant</td> <td>Rice plant</td> </tr> </table>							Answer Options				Option A	Option B	Option C	Option D	Banana plant	Sugarcane plant	Grape plant	Rice plant
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Option A	Option B	Option C	Option D															
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
8.	4_23 8994	Getting to know plants	These trees need a lot of moisture and they normally grow up to a height of about 50 to 60 feet. The crown of deep green foliage is broad at the base but tapers to the top. Identify the habitat that these trees grow in.			D												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>Deserts</td> <td>Coastal areas</td> <td>Grasslands</td> <td>Mountains</td> </tr> </table>							Answer Options				Option A	Option B	Option C	Option D	Deserts	Coastal areas	Grasslands	Mountains
Answer Options																		
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	1_3 Science 7286	Getting to know plants	Shown in the picture is an example of a seed that gets dispersed <u>through</u> water. Identify the statement that is true about such seeds.		D
Answer Options					
Option A		Option B		Option C	
They dry up so that they can explode and be carried away to far off places.		They are dry and have thorns and spikes on them.		They are dry, light and fluffy with either wings or hairs on them so that they can be carried away.	
Option D					
They are light and have coverings that don't get soaked in water.					
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

10.	3_17 1479	Getting to know plants	Water plants can be of different types as shown here. Which of these is UNLIKELY to be a function of water plants?		D
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Answer Options			
Option A	Option B	Option C	Option D
They provide food to water animals	They provide cover and protection to water animals	They provide oxygen to water animals	They provide carbon dioxide to water animals

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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11.	4_25 11862	Getting to know plants	Rahul wants to find out whether plants need water to grow. He takes 2 pots with identical plants. What should he do for the next few days?		B
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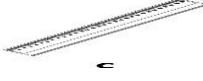

Answer Options			
Option A	Option B	Option C	Option D
Water P more and Q less.	Water only P and not Q.	Water both P and Q equally.	Not water either P or Q.

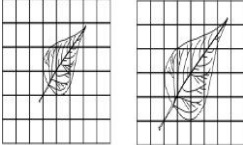
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
12.	4_25 11923	Getting to know the plant	Many trees especially in colder climates lose their leaves during the winter. Then how do they make their food during this period?		B												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	2_9 Science 6028	Getting to know plants.	The correct equation of photosynthesis is:		A												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Carbon Dioxide + Water + Chlorophyll <u>in Sunlight</u> → Oxygen + Sugar</td> <td>Water + Chlorophyll <u>in Sunlight</u> → Oxygen + Sugar + Carbon Dioxide</td> <td>Carbon Dioxide + Water + Sugar → Oxygen + Chlorophyll and Sunlight</td> <td>Carbon Dioxide + Oxygen + Chlorophyll <u>in Sunlight</u> → Sugar + Water</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Carbon Dioxide + Water + Chlorophyll <u>in Sunlight</u> → Oxygen + Sugar	Water + Chlorophyll <u>in Sunlight</u> → Oxygen + Sugar + Carbon Dioxide	Carbon Dioxide + Water + Sugar → Oxygen + Chlorophyll and Sunlight	Carbon Dioxide + Oxygen + Chlorophyll <u>in Sunlight</u> → Sugar + Water
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
14.	1_3 Science 7321	Getting to know plants.	See the chart below and choose the statement that is true about ferns?	<pre> graph TD Q1{Are the leaves green in colour?} -- Yes --> Q2{Reproduce through seeds?} Q1 -- No --> Q3{Reproduce through seeds?} Q2 -- Yes --> A1[FLOWERING PLANTS Eg: Hibiscus] Q2 -- No --> A2[NON-FLOWERING PLANTS Eg: Ferns, Mosses, Algae] Q3 -- Yes --> A3[Eg: Fungi] </pre>	C		
Answer Options							
Option A		Option B		Option C		Option D	
Leaves of ferns are not green in colour.		Ferns reproduce through seeds.		Ferns are non-flowering plants and have green leaves.		Ferns are flowering plants but do not have green leaves.	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
15.	1_3 Science 6598	Getting to know plants.	Ashok took two identical potted plants and kept them in the garden. He watered one plant regularly, but did not water the second plant at all. He noted all the changes he observed in both the plants for 15 days. Ashok conducted this activity to understand		B		
Answer Options							

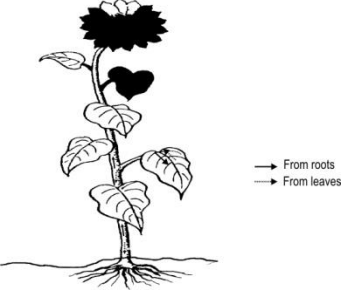
		Option A	Option B	Option C	Option D	
		if plants need sunlight to grow.	if plants need water to grow.	if the second plant needed water to grow.	if plants need air to grow.	

QUESTION PAPER
SET- 10
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	1_3 Science 6602	Getting to know plants.	Shyam learnt at school that leaves have pores called 'stomata' on them. On his way back home, he collected a variety of leaves. But he was unable to see the pores. Which of these instruments will help Shyam see the pores?		B
Answer Options					
		Option A	Option B	Option C	Option D
					
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
2.	1_3 Science	Getting to know plants.	'Photo' in photosynthesis refers to:		C

	6604	<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>food</td> <td>picture</td> <td>light</td> <td>green</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	food	picture	light	green
Answer Options																	
Option A	Option B	Option C	Option D														
food	picture	light	green														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	1_3 Science 6611	Getting to know plants.	Choose the statement which tells us the function of the stem in a plant.		B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>Stems absorb water and minerals from the soil.</td> <td>Stems transport raw materials to leaves and food to different parts of the plant.</td> <td>Stems make the plant look beautiful.</td> <td>Stems prepare food for the various parts of the plant.</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	Stems absorb water and minerals from the soil.	Stems transport raw materials to leaves and food to different parts of the plant.	Stems make the plant look beautiful.	Stems prepare food for the various parts of the plant.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
4.	1_3 Science 6612	Getting to know plants.	How many times bigger (in area) is the larger leaf compared to the smaller one?		A												
<table border="1" style="width: 100%;"> <tr> <th>Answer Options</th> </tr> </table>						Answer Options											
Answer Options																	

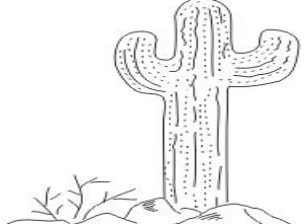
		<table border="1"> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>twice as big</td> <td>thrice as big</td> <td>four times as big</td> <td>cannot be found out</td> </tr> </table>		Option A	Option B	Option C	Option D	twice as big	thrice as big	four times as big	cannot be found out							
Option A	Option B	Option C	Option D															
twice as big	thrice as big	four times as big	cannot be found out															
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
5.	1_3 Science 6619	Getting to know plants.	Plants absorb sunlight to make their food. What is the energy conversion that takes place here?			C												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Heat energy changes to solar energy.</td> <td>Solar energy changes to heat energy.</td> <td>Solar energy changes to chemical energy.</td> <td>Heat energy changes to chemical energy.</td> </tr> </tbody> </table>							Answer Options				Option A	Option B	Option C	Option D	Heat energy changes to solar energy.	Solar energy changes to heat energy.	Solar energy changes to chemical energy.	Heat energy changes to chemical energy.
Answer Options																		
Option A	Option B	Option C	Option D															
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
6.	2_9 Science 5997	Getting to know plants.	When a seed is planted in the soil, which of these shows the correct order of appearance of other parts?			D												

		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>stem - fruits - leaves - flowers</td> <td>stem - flowers - fruits - leaves</td> <td>leaves - stem - flowers - fruits</td> <td>stem - leaves - flowers - fruits</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	stem - fruits - leaves - flowers	stem - flowers - fruits - leaves	leaves - stem - flowers - fruits	stem - leaves - flowers - fruits
Answer Options																	
Option A	Option B	Option C	Option D														
stem - fruits - leaves - flowers	stem - flowers - fruits - leaves	leaves - stem - flowers - fruits	stem - leaves - flowers - fruits														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
7.	2_9 Science 6000	Getting to know plants.	<p>Study the picture of the plant shown here.</p> <p>Transportation of water and minerals from the root, and food from the leaves is indicated by the arrows.</p> <p>Which system performs a similar function in human beings?</p>		B												
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Skeletal system</td> <td>Circulatory system</td> <td>Digestive system</td> <td>Respiratory system</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	Skeletal system	Circulatory system	Digestive system	Respiratory system
Answer Options																	
Option A	Option B	Option C	Option D														
Skeletal system	Circulatory system	Digestive system	Respiratory system														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

8.	2_10 Science 4102	Getting to know plants.	Which option shows the correct order in the life cycle of a plant.	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">Germination</td> <td style="padding: 2px;">Flower production</td> <td style="padding: 2px;">Seed dispersal</td> <td style="padding: 2px;">Plant growth</td> <td style="padding: 2px;">Pollination</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> </tr> </table>	Germination	Flower production	Seed dispersal	Plant growth	Pollination	1	2	3	4	5	C
Germination	Flower production	Seed dispersal	Plant growth	Pollination											
1	2	3	4	5											

Answer Options			
Option A	Option B	Option C	Option D
1 - 2 - 3 - 4 - 5	3 - 2 - 4 - 1 - 5	5 - 3 - 1 - 4 - 2	2 - 5 - 1 - 3 - 4

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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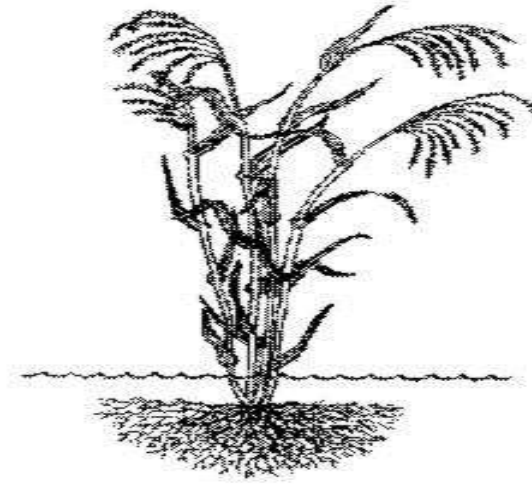
9.	1_3 Science 7300	Getting to know plants	Shown here is the picture of a plant. Which of these observations CANNOT be made by seeing the picture only?		C
----	------------------------	------------------------	--	--	---

Answer Options			
Option A	Option B	Option C	Option D
The leaves of this plant are almost invisible.	This plant is found in the desert.	The plant must be about 5 years old.	This plant is not eaten by animals.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
10.	1_3 Science 6627	Getting to know plants	Manu wanted to verify if fertilizers help plants to grow well. He took a potted plant, mixed fertilizer to the soil and took good care of the plant. He also maintained a record of the growth of the plant. The error in Manu's experiment _____ was _____.		C												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>mixing fertilizer to the soil</td> <td>maintaining a growth chart</td> <td>not growing a similar plant without fertilizer</td> <td>watering the plant regularly</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	mixing fertilizer to the soil	maintaining a growth chart	not growing a similar plant without fertilizer	watering the plant regularly
Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
11.	3_16 2377	GETTING TO KNOW ABOUT PLANTS	A vine, with a yellow, 1 mm thick stem, has no leaves or chlorophyll and cannot make its own food. It curls around a host plant and sucks water and nutrients from the host plant by means of suckers. The host plant gets weakened in the process. Based on the given information, the vine can be called a _____.		A												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
Answer Options																	
Option A	Option B	Option C	Option D														

		parasite.	predator.	saprophyte.	decomposer.													
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
12.	3_16 2369	GETTING TO KNOW ABOUT PLANTS	The raw materials used by plants in order to prepare their food are _____.			B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="4">Answer Options</td> </tr> <tr> <td>Option A</td> <td>Option B</td> <td>Option C</td> <td>Option D</td> </tr> <tr> <td>Oxygen and Carbon dioxide</td> <td>Carbon dioxide and Water</td> <td>Water and Oxygen</td> <td>Water and Sunlight</td> </tr> </table>							Answer Options				Option A	Option B	Option C	Option D	Oxygen and Carbon dioxide	Carbon dioxide and Water	Water and Oxygen	Water and Sunlight
Answer Options																		
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
13.	3_15 3520	Getting to know plants	Many trees especially in colder climates lose their leaves during the winter. Then how do they make their food during this period?			D												
<table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="4">Answer Options</td> </tr> <tr> <td>Option A</td> <td>Option B</td> <td>Option C</td> <td>Option D</td> </tr> <tr> <td>The other parts of the tree make food.</td> <td>The trees feed on nutrients and water from the soil.</td> <td>Such trees do not make food in winter and die.</td> <td>Such trees do not make food in winter but do not die.</td> </tr> </table>							Answer Options				Option A	Option B	Option C	Option D	The other parts of the tree make food.	The trees feed on nutrients and water from the soil.	Such trees do not make food in winter and die.	Such trees do not make food in winter but do not die.
Answer Options																		
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	4_24 10260	GETTING TO KNOW PLANTS	The absence of which of the following will not affect photosynthesis?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>carbon dioxide</td> <td>light</td> <td>oxygen</td> <td>water</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	carbon dioxide	light	oxygen	water
Answer Options																	
Option A	Option B	Option C	Option D														
carbon dioxide	light	oxygen	water														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	4_24 10261	GETTING TO KNOW PLANTS	Which of the following plants would have a root structure SIMILAR to one shown in the figure below?		A												




Answer Options

Option A	Option B	Option C	Option D
coriander	mango	tulsi	banana

QUESTION PAPER
SET- 11
SUBJECT : SCIENCE
GRADE : 6

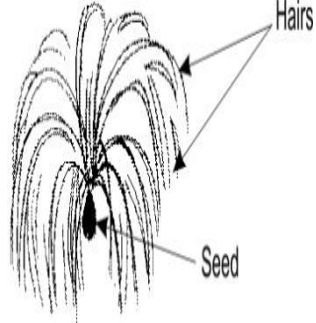
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
1.	4_24 10258	GETTING TO KNOW PLANTS	A plant's leaf turns sunlight into another form of energy. Which man-made structure is most similar to the plant leaf?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						An electric bulb	A solar cell	A windmill	A candle
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
2.	4_24 10250	GETTING TO KNOW PANTS	Which of the following actions is likely to reduce soil erosion?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						using more fertilizers	growing more trees	increasing cattle grazing	building a wire fence

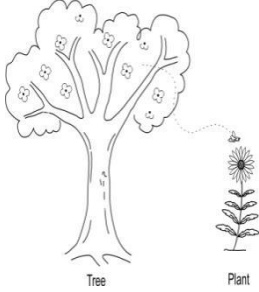
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	2_10 Science 4104	Getting to know plants	The tree shown below is likely to be found in.		A												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Coastal areas</td> <td>Arctic region</td> <td>Tropics</td> <td>Mountains</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Coastal areas	Arctic region	Tropics	Mountains
Answer Options																	
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
4.	2_9 SCIENCE 6003	Getting to know plants	PARTHENOCARPIC FRUITS are those which do not have seeds in them. Which of these is an example?		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
Answer Options																	
Option A	Option B	Option C	Option D														



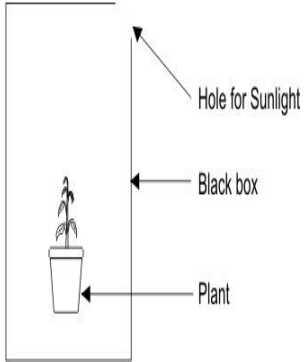
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
5.	1_3 Science 7249	Getting to know plants	At which of these times would a plant be making its own food?		A												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>9:00 AM</td> <td>3:00 AM</td> <td>8:00 PM</td> <td>At all times of the day and night.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	9:00 AM	3:00 AM	8:00 PM	At all times of the day and night.
Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
6.	1_3 SCIENCE 6579	Getting to know plants	Shown here are some cactus plants. These plants grow in places where there is very little water. Most of these plants have no leaves. Why are leaves absent in the cactus plant?		C

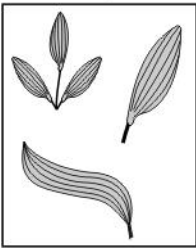

		Answer Options			
		Option A	Option B	Option C	Option D
		The leaves dry up and disappear in the heat.	The cactus does not need food, so leaves are not needed.	Loss of water through leaves is minimised.	The cactus looks beautiful if there are no leaves.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
7.	1_3 SCIENCE 6582	Getting to know plants	Seeds have special features that help them to be spread far and wide (This is called seed dispersal) Seeds are dispersed through wind, water, animals, birds or self-explosion. Here is a drawing of a seed. The features of the seed shown above make it most suited for dispersal through _____.		A
		Answer Options			
		Option A	Option B	Option C	Option D
		wind	Water	birds	animals
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

8.	1_3 SCIENCE 6592	Getting to know plants	The picture shows how an insect can carry pollen from the flowers of a tree to the flowers of a small plant. What will most likely happen?		D
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Answer Options			
Option A	Option B	Option C	Option D
The offspring from the tree will look like the plant.	The offspring from the plant will look like the tree.	The offspring from the plant will look like the tree and the plant.	Nothing will happen because no offspring will be produced.

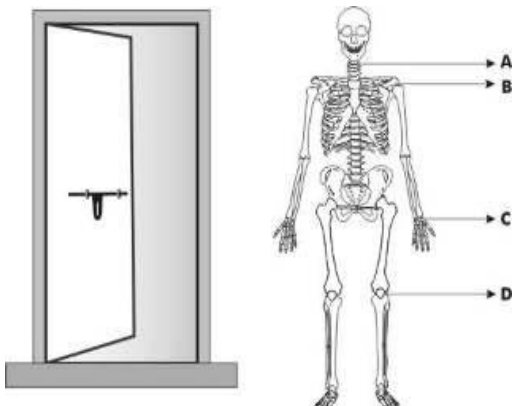
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	1_3 Science 6594	Getting to know plants	A potted plant was kept in a black box having a hole to allow sunlight. The plant was watered every day . This is how the plant looked in the beginning .How is the plant likely to look after 10 days?		C

		Answer Options															
		Option A	Option B	Option C	Option D												
		 <p>A Leaning away from the side of the hole</p>	 <p>B Upright</p>	 <p>C Leaning to the side of the hole</p>	<p>D The plant will not grow at all.</p>												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
10.	2_9 Science 5010	Getting to know plants	Plants have unique features that help them fit into the environment they live in. Which among these is NOT an illustration of the above statement?		C												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Lotus leaves have a wax like coating on their upper surface.</td> <td>A submerged water plant hydrilla has finger like leaves.</td> <td>Money plant is a climber.</td> <td>Cactus has leaves reduced in size.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Lotus leaves have a wax like coating on their upper surface.	A submerged water plant hydrilla has finger like leaves.	Money plant is a climber.	Cactus has leaves reduced in size.
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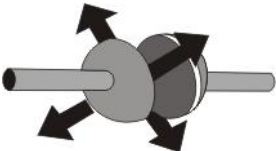
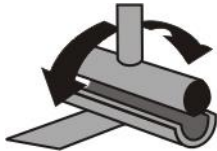


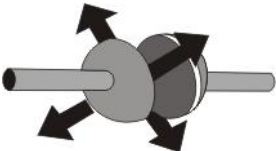
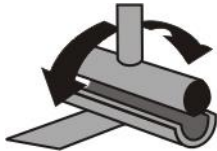


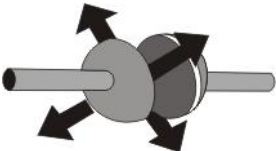
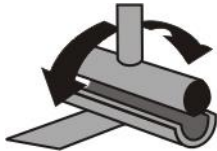

11.	2_10 Science 4207	Getting to know plants	Observe the leaves in groups 1 and 2 shown below. They have probably been classified based on.	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Group 1</p>  </div> <div style="text-align: center;"> <p>Group 2</p>  </div> </div>	B
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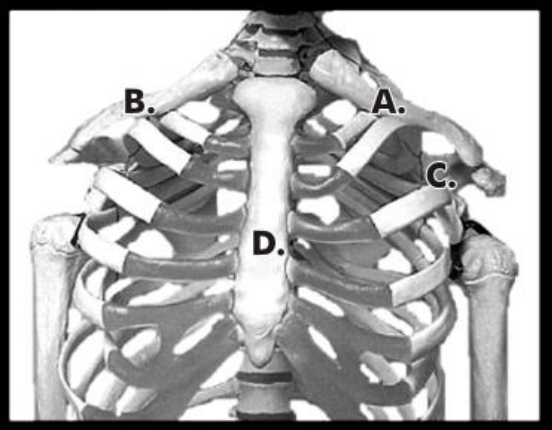
Answer Options			
Option A	Option B	Option C	Option D
the shape of the leaf.	the type of edge serrations.	the pattern of veins.	the shape of the leaf.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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12.	4_24 10220	BODY MOVEMENTS	In the skeleton shown below, at which joint can the movement be ONLY like the opening and closing of a door?		D
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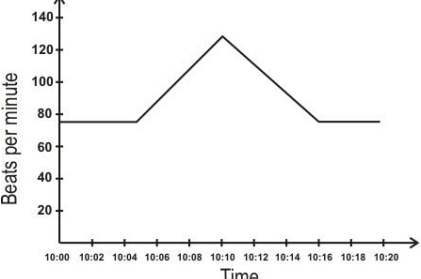
Answer Options			
Option A	Option B	Option C	Option D
A	B	C	D

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	3_15 3527	Body movements	In terms of the type of motion that they allow, the joints of our elbows are most like which of these mechanical joints shown here?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

14.	3_16 2370	BODY MOVEMENT	Nitin fell down from the steps of his school and injured his left shoulder, which got swollen and pained a lot. A shoulder x-ray showed that Nitin had suffered a collar bone fracture. Identify the fractured bone in the figure showing a part of the skeleton.		A
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Answer Options			
Option A	Option B	Option C	Option D
A	B	C	D

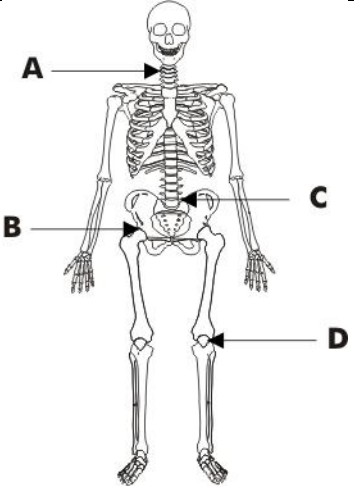
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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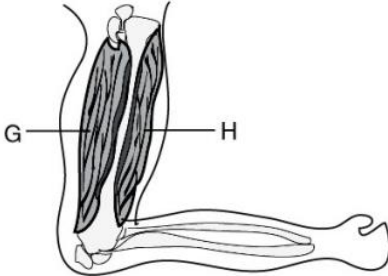
15.	2_10 Science 4106	Body movements	The graph shows Ashok's heart beat when he was exercising. How did the heart beat change between 10:10 and 10:16?		C
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Answer Options




			Option A	Option B	Option C	Option D	
			It increased and then decreased.	It increased at a uniform pace.	It decreased at a uniform pace.	It stayed constant.	

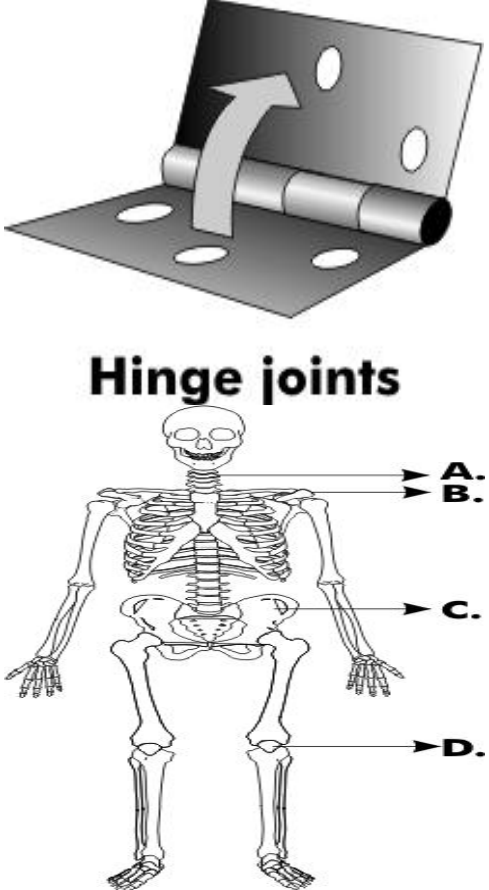
QUESTION PAPER
SET- 12
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)			
1.	2_10 Science 4111	Body movements	The figure of the human skeleton is given. Which arrow points to the hip joint?		B			
				Answer Options				
				Option A		Option B	Option C	Option D
			A	B	C	D		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)			
2.	2_9 Science	Body movements	Our backbone is		B			

	6014	<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>one large bone which is flexible.</td> <td>made up of several small bones attached to each other.</td> <td>a thick rigid muscle which can bend.</td> <td>made up of two bones with a joint in between.</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	one large bone which is flexible.	made up of several small bones attached to each other.	a thick rigid muscle which can bend.	made up of two bones with a joint in between.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	2_9 Science 6017	Body movements	In this figure, what are the conditions of muscle G and H when we bend our elbow?		B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>Muscle G is contracted and H is relaxed.</td> <td>Muscle G is relaxed and H is contracted.</td> <td>Both muscle G and H are relaxed.</td> <td>Both muscle G and H are contracted.</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	Muscle G is contracted and H is relaxed.	Muscle G is relaxed and H is contracted.	Both muscle G and H are relaxed.	Both muscle G and H are contracted.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

4.	1_3 Science 6610	Body movements	After we take a deep breath our lungs would look like			B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>a balloon without air.</td> <td>a balloon filled with air.</td> <td>a beaker filled with water.</td> <td>an empty beaker.</td> </tr> </table>							Answer Options				Option A	Option B	Option C	Option D	a balloon without air.	a balloon filled with air.	a beaker filled with water.	an empty beaker.
Answer Options																		
Option A	Option B	Option C	Option D															
a balloon without air.	a balloon filled with air.	a beaker filled with water.	an empty beaker.															
S.N	Folder Number & Questio n Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
5.	4_24 10235	BODY MOVEMENT	The figure shows an X-ray photograph of the human hand. Which of these statements about X- rays is likely to be true?			B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>They can pass through human bones.</td> <td>They can pass through muscles but not bones.</td> <td>They make the human body translucent.</td> <td>They absorb light from the human body.</td> </tr> </table>							Answer Options				Option A	Option B	Option C	Option D	They can pass through human bones.	They can pass through muscles but not bones.	They make the human body translucent.	They absorb light from the human body.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
6.	2_9 Science 6046	BODY MOVEMENTS	The number of bones in an adult human body is about:		C
Answer Options					
		Option A	Option B	Option C	Option D
		42	76	206	392
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
7.	4_23 Science 9113	BODY MOVEMENTS	Which of the following joints would allow rotational motion about MORE THAN one axis?		A
Answer Options					
		Option A	Option B	Option C	Option D
					All of these

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
8.	4_23 Science 9048	Motion & Time	Which of the joints in the human body allows motion similar to the hinge shown in the picture?	 <p>The image shows a mechanical hinge joint at the top, consisting of two metal plates joined by a cylindrical pin, with a curved arrow indicating rotational movement. Below this is a human skeleton with four arrows pointing to specific joints, labeled A, B, C, and D. Arrow A points to the shoulder joint, B points to the elbow joint, C points to the hip joint, and D points to the knee joint.</p>	D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	A	B	C	D
Answer Options																	
Option A	Option B	Option C	Option D														
A	B	C	D														

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	3_17 1457	BODY MOVEMENTS	Which among the following SHOULD NOT BE DONE if a person is suspected to have a sprain or fracture?		B
Answer Options					
Option A		Option B		Option C	
Putting a cold water pack on the affected area		Massaging the affected area with oil		Giving sufficient support to the affected area	
				Option D	
				Giving enough room for the person affected to breathe	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
10.	3_17 1449	BODY MOVEMENTS	A door hinge is a joint that can move only in one direction. In the human body, which among the following joints is similar to this?		A
Answer Options					
Option A		Option B		Option C	
Elbow joint		Thigh and hip joint		Arm and shoulder joint	
				Option D	
				Wrist joint	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
11.	3_17 1460	THE LIVING ORGANISM AND THEIR SURROUNDINGS	I filter gaseous waste from the blood. Who am I?		B
Answer Options					
Option A		Option B		Option C	
Heart		Lungs		Kidneys	
				Option D	
				Large intestines	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
12.	3_15 3495	THE LIVING ORGANISM AND THEIR SURROUNDINGS	Which of these are living things?	<input type="checkbox"/> Mango Seed <input type="checkbox"/> Rice Husk <input type="checkbox"/> Grass <input type="checkbox"/> Ant <input type="checkbox"/> Worm	B
Answer Options					
Option A		Option B		Option C	
All		Mango seed, grass, ant and worm		Mango seed, rice husk and grass	
				Option D	
				Grass, ant and worm	

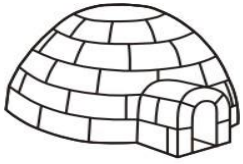



S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
13.	4_23 9003	The living organisms and their surroundings	What happens to our body temperature on a cold winter day or a hot summer day?		A										
						<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>There is no difference. It remains approximately 37 degrees C.</td> <td>The temperature of the body is much lower in winter and higher in summer.</td> <td>The temperature of the body is much lower in summer and higher in winter.</td> <td>The temperature of the body changes with season, but depends on body weight.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B
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14.	3_15 3498	The living organisms and their surroundings.	A plant folding its leaves with the slightest touch is similar to_____.		A										
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
15.	3_15 3499	The living organisms and their surroundings.	Where is this tree likely to be found?			C												
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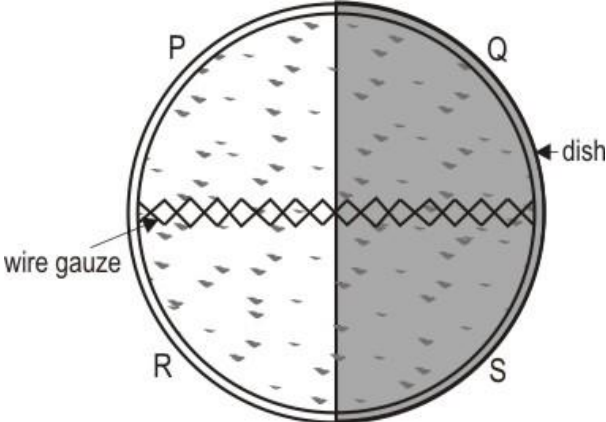
QUESTION PAPER
SET- 13
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																														
1.	4_23 9001	The living organisms and their surroundings.	Which animals have scales and lay eggs that have tough outer shells?	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>Skin</th> <th>Egg</th> <th>Where egg is laid</th> <th>Example</th> </tr> </thead> <tbody> <tr> <td>Fish</td> <td>Scales</td> <td>No shell</td> <td>In water</td> <td>Cod</td> </tr> <tr> <td>Amphibian</td> <td>Smooth, damp</td> <td>No shell</td> <td>In water</td> <td>Salamander</td> </tr> <tr> <td>Reptiles</td> <td>Scales</td> <td>Tough shell</td> <td>On land</td> <td>X</td> </tr> <tr> <td>Birds</td> <td>Feathers</td> <td>Tough shell</td> <td>On land</td> <td>Robin</td> </tr> <tr> <td>Mammals</td> <td>Fur or hair</td> <td>No shell</td> <td>Grows in womb</td> <td>Human</td> </tr> </tbody> </table>		Skin	Egg	Where egg is laid	Example	Fish	Scales	No shell	In water	Cod	Amphibian	Smooth, damp	No shell	In water	Salamander	Reptiles	Scales	Tough shell	On land	X	Birds	Feathers	Tough shell	On land	Robin	Mammals	Fur or hair	No shell	Grows in womb	Human	C
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2.	4_23 9000	The living organisms and their surroundings.	In the table above, 'X' could be replaced by	<table border="1"> <thead> <tr> <th></th> <th>Skin</th> <th>Egg</th> <th>Where egg is laid</th> <th>Example</th> </tr> </thead> <tbody> <tr> <td>Fish</td> <td>Scales</td> <td>No shell</td> <td>In water</td> <td>Cod</td> </tr> <tr> <td>Amphibian</td> <td>Smooth, damp</td> <td>No shell</td> <td>In water</td> <td>Salamander</td> </tr> <tr> <td>Reptiles</td> <td>Scales</td> <td>Tough shell</td> <td>On land</td> <td>X</td> </tr> <tr> <td>Birds</td> <td>Feathers</td> <td>Tough shell</td> <td>On land</td> <td>Robin</td> </tr> <tr> <td>Mammals</td> <td>Fur or hair</td> <td>No shell</td> <td>Grows in womb</td> <td>Human</td> </tr> </tbody> </table>					Skin	Egg	Where egg is laid	Example	Fish	Scales	No shell	In water	Cod	Amphibian	Smooth, damp	No shell	In water	Salamander	Reptiles	Scales	Tough shell	On land	X	Birds	Feathers	Tough shell	On land	Robin	Mammals	Fur or hair	No shell	Grows in womb	Human	B
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3.	4_23 8989	Living organisms and their surroundings	Which of the following statements about the human heart is TRUE?	<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Veins are blue in colour because they carry deoxygenated blood.</td> <td>Transfer of oxygen and carbon dioxide to the blood happens in the heart.</td> <td>The muscles of the heart do not have any blood carrying vessels.</td> <td>The heart's role is to pump blood to the lungs and other parts of the body.</td> </tr> </tbody> </table>		Answer Options				Option A	Option B	Option C	Option D	Veins are blue in colour because they carry deoxygenated blood.	Transfer of oxygen and carbon dioxide to the blood happens in the heart.	The muscles of the heart do not have any blood carrying vessels.	The heart's role is to pump blood to the lungs and other parts of the body.	D																				
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
4.	3_17 1480	LIVING ORGANISM AND THEIR SURROUNDING	Which of these houses would be best for a low lying area receiving heavy monsoon rains?		B		
Answer Options							
Option A		Option B		Option C		Option D	
							
A.		B.		C.		D.	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
5.	3_17 1485	LIVING ORGANISM AND THEIR SURROUNDING	Late in August, a bird called the arctic tern starts its long journey from the Arctic to the Antarctica region. The birds return to the Arctic only in mid-June. Why do birds like the arctic tern migrate?		A		
Answer Options							
Option A		Option B		Option C		Option D	
for food and warmth		to escape from predators		to move to cooler lands		to protect their young ones	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																
6.	3_17 1487	LIVING ORGANISMS	<p>P, Q and R are three living or non-living things in which the processes X, Y and Z are observed.</p> <p>Process X: Gives out carbon dioxide</p> <p>Process Y : Gives out carbon dioxide and a lot of heat and light</p> <p>Process Z: Gives out oxygen</p> <p>If among P, Q and R, at most one is non living, which one could it be?</p>	<table border="1"> <thead> <tr> <th></th> <th>P</th> <th>Q</th> <th>R</th> </tr> </thead> <tbody> <tr> <th>X</th> <td></td> <td>#</td> <td>#</td> </tr> <tr> <th>Y</th> <td>#</td> <td></td> <td></td> </tr> <tr> <th>Z</th> <td></td> <td></td> <td>#</td> </tr> </tbody> </table>		P	Q	R	X		#	#	Y	#			Z			#	A
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																

7.	3_17 1491	LIVING ORGANISM AND THEIR SURROUNDING	<p>Some soil was taken in a dish which was divided into 4 areas P, Q, R and S using a wire gauze. Areas P and Q were kept moist, while R and S were dry. Areas Q and S were kept dark. Equal numbers of a soil animal were introduced in each of the four areas. It was possible for the animals to move from one area to another. After some days it was found that all the animals were in area Q. The same experiment was repeated 3 times and in all the cases, the animals had moved to area Q. From this we can deduce that the animals prefer to live</p>		C												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
8.	3_15 3503	The living organisms and their surroundings.	Which of these sentences is NOT true about the equator?		C												

Answer Options			
Option A	Option B	Option C	Option D
It divides the earth into two equal hemispheres.	There is no such real line - It is purely imaginary.	It is the same as the zero degree longitude line.	The weather along it is similar through the year.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
9.	3_15 3505	The living organisms and their surroundings.	When animals hibernate, their heart rate and respiration decrease and they lose consciousness. Why do some animals hibernate?		B												
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10.	3_15 3507	The living organisms and their surroundings.	Which of these pairs of organisms probably depends the most on camouflage for protection?		A												

Answer Options			
Option A	Option B	Option C	Option D
<small>A</small>  <small>Leaf Butterfly</small> <small>Walking Stick</small>	<small>B</small>  <small>Monarch</small> <small>Viceroy</small>	<small>C</small>  <small>Polar Bear</small> <small>Panda</small>	<small>D</small>  <small>Bat</small> <small>Bird</small>



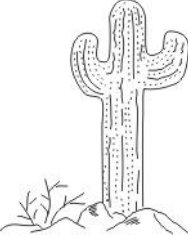
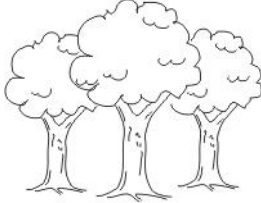


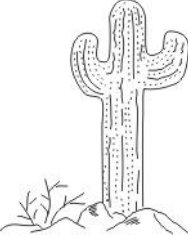
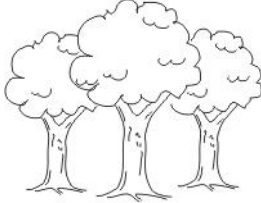


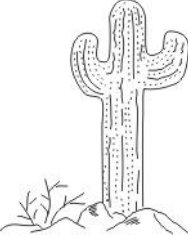
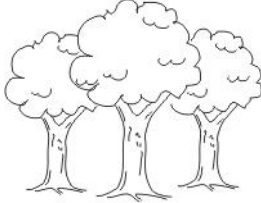
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
11.	2_9 Science 4095	The living organisms and their surroundings	Biologically, which of these are NOT animals? Peacocks, mosquitoes, cows, mice, cactii (cactus)		A												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
12.	2_9 Science 4113	The living organisms and their surroundings	The water hyacinth is able to float on water because its _____		D												

Answer Options			
Option A	Option B	Option C	Option D
flowers trap air.	stem is fibrous and light.	leaves have a thick waxy coat.	leaf stalks have lots of air space.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	2_9 Science 4115	The living organisms and their surroundings	A fish breathes through its gills whereas whales breathe through their _____		A												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	2_9 Science 4917	The living organisms and their surroundings	Which of the following 'life processes' is seen in animals but not in plants?		A												

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15.	2_9 Science 4926	The living organisms and their surroundings	Lions eat deer. It was observed in a forest that the lion population decreased due to certain reasons. If there were no other changes in the forest, what is likely to be the effect on the deer population?		B												
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QUESTION PAPER
SET- 14
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
1.	2_9 Science 4939	The living organisms and their surroundings	Which of these trees can be found on the mountainside?		B												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" data-bbox="427 810 2029 858">Answer Options</th> </tr> <tr> <th data-bbox="427 858 824 901">Option A</th> <th data-bbox="824 858 1256 901">Option B</th> <th data-bbox="1256 858 1711 901">Option C</th> <th data-bbox="1711 858 2029 901">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="427 901 824 1189" style="text-align: center;">  </td> <td data-bbox="824 901 1256 1189" style="text-align: center;">  </td> <td data-bbox="1256 901 1711 1189" style="text-align: center;">  </td> <td data-bbox="1711 901 2029 1189" style="text-align: center;">  </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
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2.	2_9 Science 4951	The living organisms and their	As the environment changes, the kind of animals, birds and plants that are found also		C												


		surroundings	change. Which of these would be the best example?			
Answer Options						
Option A		Option B		Option C		
A sunflower plant moving along the direction of sunlight.		Stages in the life cycle of a butterfly.		Water birds disappearing from a locality where houses were built on a lake.		
				Option D		
				Invertebrates not having a backbone.		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
3.	2_9 Science 4954	The living organisms and their surroundings	Why cannot animals live without plants?			B
Answer Options						
Option A		Option B		Option C		
All animals eat plants for food.		Some animals eat plants and are in turn eaten by other animals.		Flesh eating animals need plants to hunt their prey.		
				Option D		
				Except for the plant-eating animals, others could live even if plants were not there.		

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
4.	2_9 Science 6021	The living organisms and their surroundings	In a forest, there is an animal P that eats another animal Q. Which of these actions is MOST LIKELY to cause P to attack domestic animals in a village next to the forest?		A										
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Answer Options															
Option A	Option B	Option C	Option D												
Hunting of Q by the villagers	Heavy rains in the region	Building of a fence around the village	Plans to build a factory near the village												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
5.	2_9 Science 6027	The living organisms and their surroundings	In water, where do fish get the oxygen they need to breathe?		D										
						<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Answer Options				Option A	Option B
Answer Options															
Option A	Option B	Option C	Option D												

		Fish do not need to breathe oxygen.	Each water molecule (H ₂ O) consists of an oxygen atom which fish breathe.	Fish come up to the surface of the water from time to time to breathe.	There is oxygen gas dissolved in the water which fish breathe.	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
6.	2_9 Science 6595	The living organisms and their surroundings	Cats, fish and dogs have some similarities. One similarity is _____.			C
Answer Options						
Option A		Option B		Option C		Option D
they are all mammals		they all live on land		they all have backbones		they are all herbivores
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)

7.	2_9 Science 6624	The living organisms and their surroundings	A village has a lake which supplies water. Around the village there is a lot of wet or marsh land. Water birds are found in plenty in these places. Given below are the nesting habits of a few birds. The village had decided to construct buildings on the wet land around it. The numbers of which birds is likely to INCREASE as a result?		A	
		Answer Options				
		Option A	Option B	Option C	Option D	
		Pigeons	Common Terns	Parrots	Flamingos	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)	
8.	2_9 Science 4099	The living organisms and their surroundings	Which of these is a correct difference between HIBERNATION and MIGRATION?		A	
		Answer Options				
		Option A	Option B	Option C	Option D	
		Hibernation occurs mostly in the winter, migration may occur in	Mostly cold-blooded animals hibernate, whereas mostly birds migrate.	During migration food intake is nil, which is not so during hibernation.	The animal's heart stops beating during hibernation, which is not so during	

any season.			migration.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	4_24 10217	The living organisms and their surroundings.	Against which of these diseases is the child probably being protected?		C
Answer Options					
Option A		Option B		Option C	
Diarrhoea		Malaria		Polio	
				Option D	
				Common cold	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																								
10.	4_24 10227	LIVING ORGANISM AND THEIR SURROUNDING	An animal from which of these groups could be classified as Q?	Answer the question using the information given. The table below gives some characteristics of vertebrates.	B																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Group</th> <th>Organ of respiration</th> <th>Body Temperature</th> <th>Skin</th> </tr> </thead> <tbody> <tr> <td>Amphibians</td> <td>Gills/lungs (and through their skin)</td> <td>Do not self-regulate</td> <td>Naked</td> </tr> <tr> <td>Fish</td> <td>Gills</td> <td>Do not self-regulate</td> <td>Scales</td> </tr> <tr> <td>Reptiles</td> <td>Lungs</td> <td>Do not self-regulate</td> <td>Scales</td> </tr> <tr> <td>Birds</td> <td>Lungs</td> <td>Self-regulate</td> <td>Feathers</td> </tr> <tr> <td>Mammals</td> <td>Lungs</td> <td>Self-regulate</td> <td>Hair</td> </tr> </tbody> </table>						Group	Organ of respiration	Body Temperature	Skin	Amphibians	Gills/lungs (and through their skin)	Do not self-regulate	Naked	Fish	Gills	Do not self-regulate	Scales	Reptiles	Lungs	Do not self-regulate	Scales	Birds	Lungs	Self-regulate	Feathers	Mammals	Lungs	Self-regulate	Hair
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The flowchart here uses the information in the table and classifies some animals as P, Q and R.

```

    graph TD
      A{Breathes through its lungs?} -- No --> B[P]
      A -- Yes --> C{Self-regulates body temperature?}
      C -- No --> D[Q]
      C -- Yes --> E[R]
  
```

Answer Options			
Option A	Option B	Option C	Option D
fish	reptiles	birds	mammals

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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11.	4_24 10228	LIVING ORGANISM AND THEIR SURROUNDING	Which of the following is true for a FROG?	<p>Answer the question using the information given.

The table below gives some characteristics of vertebrates. The flowchart here uses the information in the table and classifies some animals as P, Q and R.</p> <pre> graph TD A{Breathes through its lungs?} -- No --> B[P] A -- Yes --> C{Self-regulates body temperature?} C -- No --> D[Q] C -- Yes --> E[R] </pre> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Group</th> <th>Organ of respiration</th> <th>Body Temperature</th> <th>Skin</th> </tr> </thead> <tbody> <tr> <td>Amphibians</td> <td>Gills/lungs (and through their skin)</td> <td>Do not self-regulate</td> <td>Naked</td> </tr> <tr> <td>Fish</td> <td>Gills</td> <td>Do not self-regulate</td> <td>Scales</td> </tr> <tr> <td>Reptiles</td> <td>Lungs</td> <td>Do not self-regulate</td> <td>Scales</td> </tr> <tr> <td>Birds</td> <td>Lungs</td> <td>Self-regulate</td> <td>Feathers</td> </tr> <tr> <td>Mammals</td> <td>Lungs</td> <td>Self-regulate</td> <td>Hair</td> </tr> </tbody> </table>	Group	Organ of respiration	Body Temperature	Skin	Amphibians	Gills/lungs (and through their skin)	Do not self-regulate	Naked	Fish	Gills	Do not self-regulate	Scales	Reptiles	Lungs	Do not self-regulate	Scales	Birds	Lungs	Self-regulate	Feathers	Mammals	Lungs	Self-regulate	Hair	D
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Mammals	Lungs	Self-regulate	Hair																										

Answer Options			
Option A	Option B	Option C	Option D

		It has scales on its body.	It can control its body temperature.	It has hair on its body.	It can breathe through its skin.													
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
12.	4_25 11812	LIVING ORGANISM AND THEIR SURROUNDING	About one-seventh of the earth's surface is desert. The term desert refers to an area which			B												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>is very hot.</td> <td>is very dry.</td> <td>has no vegetation at all.</td> <td>has all the above features.</td> </tr> </tbody> </table>							Answer Options				Option A	Option B	Option C	Option D	is very hot.	is very dry.	has no vegetation at all.	has all the above features.
Answer Options																		
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
13.	4_25 11815	LIVING ORGANISM AND THEIR SURROUNDING	Leafy Sea Dragon is a fish that eats other small fishes. But since it looks like a seaweed, it is called 'leafy sea dragon'. What could be the use of having such plant-like appearance in spite of being an animal?			B												



Answer Options			
Option A	Option B	Option C	Option D
So that it can prepare its own food by photosynthesis.	So that it can catch fish without being noticed.	So that it can be food for plant-eating animals.	So that it can be spotted easily by other fish.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
14.	4_25 11833	LIVING ORGANISM AND THEIR SURROUNDING	Mohan went to a picnic spot. There was a small lake surrounded by trees. He saw many people boating on the lake in diesel boats. After a joy ride, when he sat down to relax on the bank of the lake, he was shocked to see a lot of dead fish. The MOST LIKELY reason for the dead fish would be that		C

Answer Options			
Option A	Option B	Option C	Option D
the fish were old and therefore died.	fish cannot live in places having too many visitors.	fish cannot live in polluted waters.	there was not enough water in the lake for the fish.

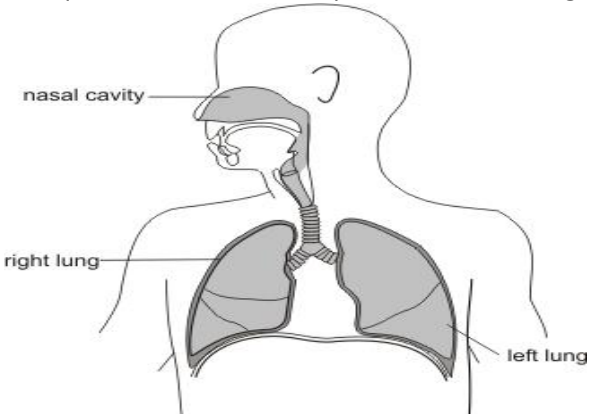
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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15.	4_25 11922	Living organism and their surrounding	RESPONSE is an action, which occurs as an answer to a cause, which is called the STIMULUS. In the table below, one option has the stimulus and response interchanged. Which one?	<table border="1"> <thead> <tr> <th></th> <th>Response</th> <th>Stimulus</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td>Dog salivating</td> <td>Food</td> </tr> <tr> <td>B.</td> <td>Sunflower turning to follow the sun</td> <td>Sunlight</td> </tr> <tr> <td>C.</td> <td>Dust particles enter eyes</td> <td>Tears</td> </tr> <tr> <td>D.</td> <td>Baby starts crying</td> <td>Hunger</td> </tr> </tbody> </table>		Response	Stimulus	A.	Dog salivating	Food	B.	Sunflower turning to follow the sun	Sunlight	C.	Dust particles enter eyes	Tears	D.	Baby starts crying	Hunger	C
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Answer Options			
Option A	Option B	Option C	Option D
A	B	C	D

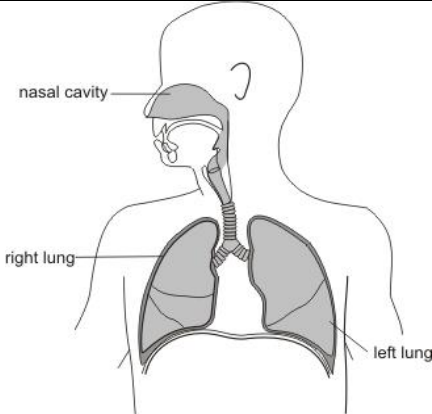
QUESTION PAPER
SET- 15
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)															
1.	3_16 2380	THE LIVING ORGANISM AND THEIR SURROUNDINGS	Arun tabulates some characteristics of two large marine animals. What could they be?	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Characteristic</th> <th style="width: 20%;">P</th> <th style="width: 20%;">Q</th> </tr> </thead> <tbody> <tr> <td>Body Temperature</td> <td>Body temperature depends on the temperature of surrounding water</td> <td>Maintain a warm and constant body temperature of about 37 °C</td> </tr> <tr> <td>Respiration</td> <td>Using Gills</td> <td>Using Lungs</td> </tr> <tr> <td>Swimming</td> <td>Can swim forward only</td> <td>Can swim forward and backward</td> </tr> <tr> <td>Tail Fin</td> <td>Vertical Tail fin</td> <td>Horizontal tail fin</td> </tr> </tbody> </table>	Characteristic	P	Q	Body Temperature	Body temperature depends on the temperature of surrounding water	Maintain a warm and constant body temperature of about 37 °C	Respiration	Using Gills	Using Lungs	Swimming	Can swim forward only	Can swim forward and backward	Tail Fin	Vertical Tail fin	Horizontal tail fin	D
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Answer Options																				
Option A	Option B	Option C	Option D																	
P - Dolphin; Q - Shark	P - Dolphin; Q - Whale	P - Whale; Q - Shark	P - Shark; Q - Whale																	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)															

2.	3_16 2385	THE LIVING ORGANISM AND THEIR SURROUNDINGS	During breathing, air enters our body through the nose and reaches the lungs. What is the correct route through which it travels to the lungs.	The question relates to the process of breathing. 	A
----	--------------	--	--	--	---

Answer Options			
Option A	Option B	Option C	Option D
Pharynx, Larynx, Trachea, Bronchi	Pharynx, Larynx, Bronchi, Trachea	Larynx, Pharynx, Trachea, Bronchi	Larynx, Glottis, Pharynx, Trachea

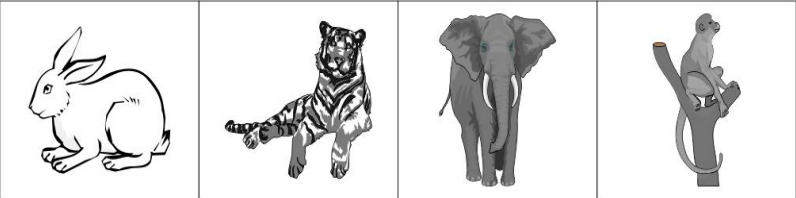
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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3.	3_16 2386	THE LIVING ORGANISM AND THEIR SURROUNDINGS	Why is it important to breathe through the nose and not the mouth?	The question relates to the process of breathing. 	A
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Answer Options			
Option A	Option B	Option C	Option D

		The nose filters the dust in the inhaled air.	The nose helps us breathe even while eating.	The nose helps us smell the impurities in the air.	The nose helps to cool the inhaled air.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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4.	2_9 Science 5995	Living organisms and their surroundings	Look at the animals shown below. What is common to all of them?		C
----	------------------	---	---	---	---

Answer Options			
Option A	Option B	Option C	Option D
They are all herbivores.	They are all carnivores.	They all give birth to young ones.	They are all small in size.


S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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5.	2_9 Science 5996	Living organisms and their surroundings	Which of the following is/are NOT PRESENT in a new-born child?		B
----	------------------	---	--	--	---

Answer Options

		Option A		Option B		Option C		Option D	
		Nails		Teeth		Eyes		Tongue	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)				Correct Answer (Option - A, B, C, D)	
6.	2_9 Science 6013	Living organisms and their surroundings	When Naveen killed a mosquito, he found there was some blood on his hands. Where could this blood have come from?					c	
Answer Options									
		Option A	Option B	Option C	Option D				
		The mosquito must have cut Naveen's hand before he killed it.	The blood is from the mosquito's circulatory system.	The blood is Naveen's or someone else's who the mosquito had bitten.	(Options B or C above may be possible)				
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)				Correct Answer (Option - A, B, C, D)	
7.	2_9 Science 6015	Living organisms and their surroundings	How will the temperature of the blood in our heart differ on a cold wintry night compared to a hot summer day?					c	
Answer Options									

				Option A	Option B	Option C	Option D		
				It will be lower on the cold wintry night.	It will be higher on the cold wintry night.	It will be the same in both the situations.	It will be different but does not depend on the outside temperature.		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)			Correct Answer (Option - A, B, C, D)		
8.	2_9 Science 6016	Living organisms and their surroundings	What is the relationship between a person's PULSE RATE and his or her HEART BEAT?				D		
Answer Options									
		Option A	Option B	Option C			Option D		
		The heart beat is always double the pulse rate.	The heart beat is always half of the pulse rate.	There is no relationship between the heart beat and the pulse rate.			The heart beat and pulse rate may change, but are always equal.		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)			Correct Answer (Option - A, B, C, D)		

9.	2_9 Science 4934	Living organisms and their surroundings	Using the animal key given, identify the class to which this animal (spider) belongs.	 <pre> graph TD A[The animal has a backbone] --> B[Yes] A --> C[No] B --> D[The animal flies] D --> E[Yes] D --> F[No] E --> G[Aves] F --> H[Other classes of vertebrates] C --> I[The animal has three pairs of legs] I --> J[Yes] I --> K[No] J --> L[Insecta] K --> M[Has four pairs of legs] M --> N[Arachnids] </pre>	D
----	-------------------------	--	---	--	----------

Answer Options			
Option A	Option B	Option C	Option D
Aves	Other classes of vertebrates	Insecta	Arachnids

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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10.	2_9 Science 4937	Living organisms and their surroundings	The average number of heart beats per minute of various animals is as shown: Choose the best conclusion you can draw from the above.	<table border="1"> <thead> <tr> <th>ANIMAL</th> <th>HEART BEATS PER MINUTE</th> </tr> </thead> <tbody> <tr> <td>Whale</td> <td>6-8</td> </tr> <tr> <td>Man</td> <td>72</td> </tr> <tr> <td>Elephant</td> <td>25-30</td> </tr> <tr> <td>Mouse</td> <td>500</td> </tr> <tr> <td>Pigs</td> <td>60-100</td> </tr> </tbody> </table>	ANIMAL	HEART BEATS PER MINUTE	Whale	6-8	Man	72	Elephant	25-30	Mouse	500	Pigs	60-100	C
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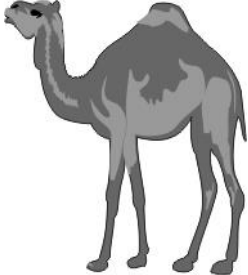
Answer Options			
Option A	Option B	Option C	Option D
Animals that live in water have a very high rate of heart beats per minute.	Animals that live in farms have higher heart beat rates than all other animals.	Number of heart beats per minute decreases with increase in size of the animals.	Number of heart beats per minute decreases with decrease in size of the animals.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
11.	2_9 Science 6026	Living organisms and their surroundings	What happens to our heart beat when we have fever?		A
Answer Options					
Option A		Option B		Option C	
It rises.		It falls.		It stays the same.	
				It may rise or fall depending on the type of the fever.	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
12.	2_9 Science 4940	Living organisms and their	Identify the kind of soil that is made of decayed leaves, twigs, dead insects and animals.		D


		surroundings															
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>clay</td> <td>top soil</td> <td>sand</td> <td>Humus</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	clay	top soil	sand	Humus
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	2_9 Science 6032	Living organisms and their surroundings	It is found that many insecticides used to keep insects away from plants and crops are not as effective these days as they were years ago when they started being used. What could be the reason for this?		A												
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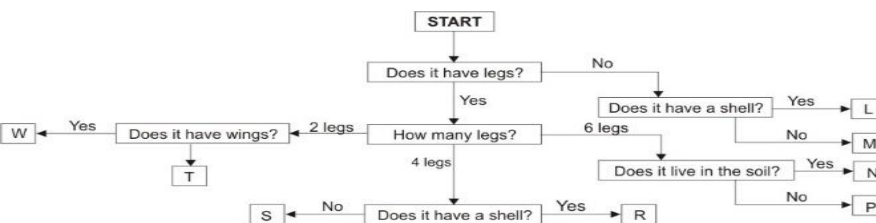
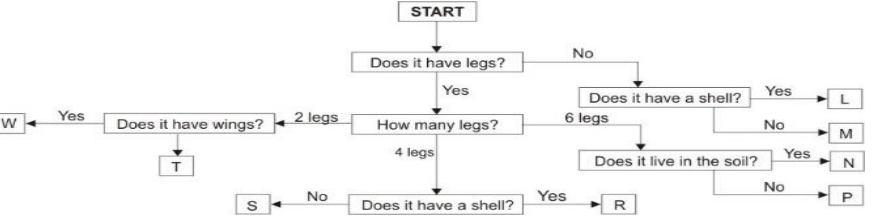
14.	1_3 Science 6566	Living organisms and their surroundings	All living things react to sound, touch etc. Whatever causes a living thing to react is called a <u>stimulus</u> . The reaction is called a <u>response</u> . Which of these is an example of a STIMULUS-RESPONSE?		A												
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A girl covering her eyes when a beam of light falls on her face.	A kitten playing with a ball of wool	A boy studying for a test on the next day.	A cow eating grass.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	1_3 Science 6568	Living organisms and their surroundings	Where among these will maximum topsoil erosion take place?		D												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>on a slope with thick vegetation cover</td> <td>on a flat piece of land with no vegetation cover</td> <td>on a flat piece of land with thick vegetation cover</td> <td>on a slope with no vegetation cover</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	on a slope with thick vegetation cover	on a flat piece of land with no vegetation cover	on a flat piece of land with thick vegetation cover	on a slope with no vegetation cover
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QUESTION PAPER
SET- 16
SUBJECT : SCIENCE
GRADE : 6

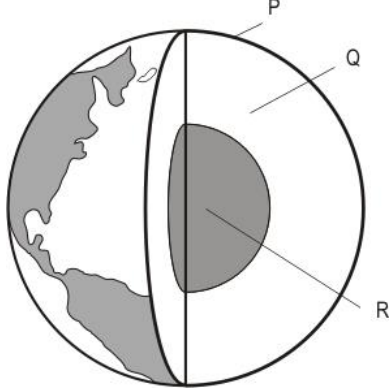
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)			
1.	1_3 Science 6571	Living organisms and their surroundings	Fish have <u>fins</u> in the same way, <u>birds</u> have _____		C			
					Answer Options			
					Option A	Option B	Option C	Option D
					beaks	lungs	feathers	gills
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)			
2.	1_3 Science 6853	Living organisms and their surroundings	Here is the picture of a camel. Rashid studies it and writes these points in his notebook. Which of them is NOT an OBSERVATION?		C			

		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>A camel has a short tail.</td> <td>A camel has long and well-padded legs.</td> <td>A camel eats leaves of the neem tree.</td> <td>A camel has a hump on its back.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	A camel has a short tail.	A camel has long and well-padded legs.	A camel eats leaves of the neem tree.	A camel has a hump on its back.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	1_3 Science 6584	Living organisms and their surroundings	Adaptation means adjusting to the conditions in the surroundings. This leads to different habits, behaviour and body features in animals. Which of the following is an example of adaptation?		D												
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>lions eating deer</td> <td>human beings wearing spectacles</td> <td>squirrels being fond of nuts</td> <td>thick fur coats on the bodies of polar bears</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	lions eating deer	human beings wearing spectacles	squirrels being fond of nuts	thick fur coats on the bodies of polar bears
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

4.	3_16 2360	Living organisms and their surroundings	Based on the shape of it's beak, it is likely that this bird feeds on..			C												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>small fish, small frogs and snails</td> <td>insects, ants and beetles</td> <td>fish, dead animals and reptiles</td> <td>small insects, nectar and spiders</td> </tr> </tbody> </table>							Answer Options				Option A	Option B	Option C	Option D	small fish, small frogs and snails	insects, ants and beetles	fish, dead animals and reptiles	small insects, nectar and spiders
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
5.	3_16 2367	Living organisms and their surroundings	A crocodile is a vertebrate that can also be classified as a/an _____.			B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>amphibian</td> <td>reptile</td> <td>mammal</td> <td>arthropod</td> </tr> </tbody> </table>							Answer Options				Option A	Option B	Option C	Option D	amphibian	reptile	mammal	arthropod
Answer Options																		
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												

	n Code				D)		
6.	3_17 1471	Living organisms and their surroundings	The difference between an animal in box L compared to another in box R is that _____.		C		
Answer Options							
Option A		Option B		Option C		Option D	
The animal in L has a shell		the animal in L does not have a shell		the animal in L has no legs		the animal in L has more legs	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
7.	3_17 1472	Living organisms and their surroundings	Which letter(s) correspond(s) to insects?		C		
Answer Options							
Option A		Option B		Option C		Option D	
ONLY R		Only R and S		Only N and P		N, P, R, S, T and W	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
8.	3_17 1473	Living organisms and their surroundings	The graph below shows the numbers of a species of fish in a small pond. What kind of animal has been added at point		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>one that eats the fish</td> <td>one that eats what the fish eat</td> <td>one that the fishes eat</td> <td>the same species of fish</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	one that eats the fish	one that eats what the fish eat	one that the fishes eat	the same species of fish
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
9.	3_15 3513	The Living organisms and their surroundings	Flies reproduce very rapidly. Some can lay hundreds of eggs. What keeps the world from being overpopulated with flies?		C												

		Answer Options															
		Option A	Option B	Option C	Option D												
		They are too small.	They are blown away in the air.	Many are eaten or die.	Many of them migrate.												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
10.	3_15 3514	The Living organisms and their surroundings	See this figure showing three different parts P, Q and R of the earth. Arrange the three regions in the order of HOTTEST to COLDEST		B												
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>P-Q-R</td> <td>R-Q-P</td> <td>P-R-Q</td> <td>Q-P-R</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	P-Q-R	R-Q-P	P-R-Q	Q-P-R
Answer Options																	
Option A	Option B	Option C	Option D														
P-Q-R	R-Q-P	P-R-Q	Q-P-R														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

11.	4_24 10257	Living organisms and their surroundings	The acacia tree has colonies of stinging ants occupying its hollowed-out thorns. Their presence protects the tree from vines that climb up the tree and ravaging animals. On the other hand, the ant gets its food from the tree. What relationship is demonstrated by the ants and acacia trees?		C												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4" data-bbox="383 523 2078 568">Answer Options</th> </tr> <tr> <th data-bbox="383 568 763 612">Option A</th> <th data-bbox="763 568 1133 612">Option B</th> <th data-bbox="1133 568 1588 612">Option C</th> <th data-bbox="1588 568 2078 612">Option D</th> </tr> <tr> <td data-bbox="383 612 763 794">The ants destroy the acacia tree by eating food from it.</td> <td data-bbox="763 612 1133 794">The acacia tree depends on the ants for its food.</td> <td data-bbox="1133 612 1588 794">The acacia tree and the ants depend on each other.</td> <td data-bbox="1588 612 2078 794">The ants get their food from the acacia plant but in turn give nothing.</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	The ants destroy the acacia tree by eating food from it.	The acacia tree depends on the ants for its food.	The acacia tree and the ants depend on each other.	The ants get their food from the acacia plant but in turn give nothing.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
12.	1_3 Science 7319	Living organisms and their surroundings	Some animals hibernate during winter in order to fight low temperatures and non-availability of food. Identify another climatic adaptation found among animals.		A												

Answer Options			
Option A	Option B	Option C	Option D
migration (moving to other places)	reproduction (giving birth to young ones)	extinction (dying away)	camouflaging (blending with the environment)

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	1_3 Science 6603	Living organisms and their surroundings	Ram gives his dog a piece of bread to eat. The dog picks it up and starts eating. Which organ system of the dog is in action right now?		A												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>digestive system</td> <td>respiratory system</td> <td>nervous system</td> <td>skeletal system</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	digestive system	respiratory system	nervous system	skeletal system
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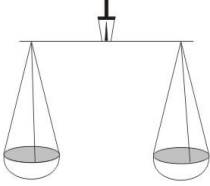
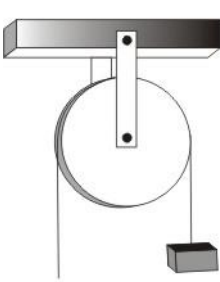
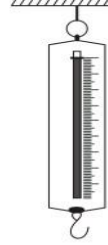

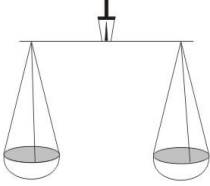
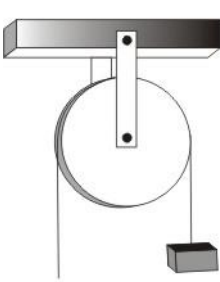
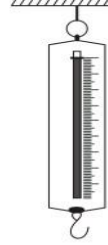

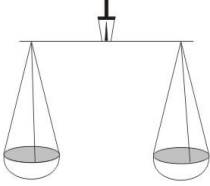
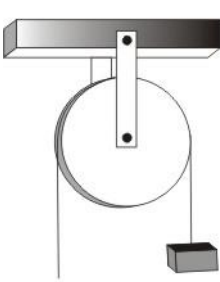
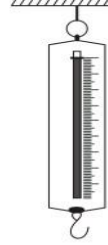

14.	1_3 Science 6634	Living organisms and their surroundings	The average number of heart beats per minute of various animals is as shown. Choose the best conclusion you can draw from the above.	<table border="1"> <thead> <tr> <th>ANIMAL</th> <th>HEART BEATS PER MINUTE</th> </tr> </thead> <tbody> <tr> <td>Whale</td> <td>6-8</td> </tr> <tr> <td>Man</td> <td>72</td> </tr> <tr> <td>Elephant</td> <td>25-30</td> </tr> <tr> <td>Mouse</td> <td>500</td> </tr> <tr> <td>Pigs</td> <td>60-100</td> </tr> </tbody> </table>	ANIMAL	HEART BEATS PER MINUTE	Whale	6-8	Man	72	Elephant	25-30	Mouse	500	Pigs	60-100	C
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	3_10 Science 4103	Living organisms and their surroundings	Among the following which is NOT a method of preventing soil erosion?		D												
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>building terraces on hill sides</td> <td>planting trees around the farms</td> <td>constructing bunds around the farm</td> <td>grazing by cattle on the land</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	building terraces on hill sides	planting trees around the farms	constructing bunds around the farm	grazing by cattle on the land
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QUESTION PAPER
SET- 17
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	3_10 Science 4108	Living organisms and their surroundings	For which of the following will a vaccine NOT be available?		B
Answer Options					
		Option A	Option B	Option C	Option D
		Chicken pox	Diarrhoea	Measles	Diphtheria
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
2.	3_10 Science	Living organisms and their surroundings	Playing dead and giving up a body part are methods that animals use for		A

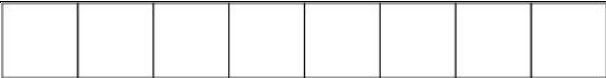
	4109	<table border="1"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>Protection.</td> <td>Attacking prey.</td> <td>Bearing extreme cold.</td> <td>Training their young.</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	Protection.	Attacking prey.	Bearing extreme cold.	Training their young.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	2_10 Science 4153	Living organisms and their surroundings	Why Sea anemones are called animals even though they do not move from place to place?		C												
		<table border="1"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>They eat other animals.</td> <td>They breathe.</td> <td>They do not make their own food.</td> <td>They reproduce.</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	They eat other animals.	They breathe.	They do not make their own food.	They reproduce.
Answer Options																	
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

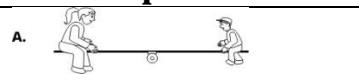
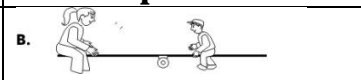

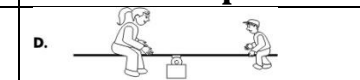
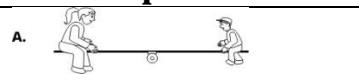
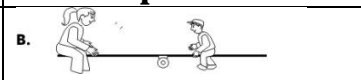

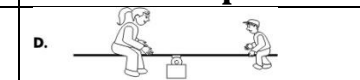
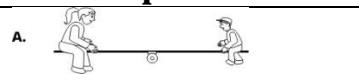
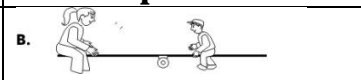

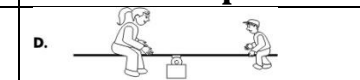
4.	2_9 Science 6044	Living organisms and their surroundings	Ram is taller than Shyam. From this, we can say for sure:		D												
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4" data-bbox="450 296 2069 341">Answer Options</th> </tr> <tr> <th data-bbox="450 341 835 386">Option A</th> <th data-bbox="835 341 1169 386">Option B</th> <th data-bbox="1169 341 1637 386">Option C</th> <th data-bbox="1637 341 2069 386">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 386 835 544">Ram is heavier than Shyam.</td> <td data-bbox="835 386 1169 544">Ram's bones are better-developed than Shyam's.</td> <td data-bbox="1169 386 1637 544">Ram is older than Shyam.</td> <td data-bbox="1637 386 2069 544">None of the above.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Ram is heavier than Shyam.	Ram's bones are better-developed than Shyam's.	Ram is older than Shyam.	None of the above.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
5.	3_17 1454	MOTION AND MEASUREMENT OF DISTANCES	Kamakshi is taking a train to Chennai. Her train has stopped at a station. She is sitting next to a windows and is facing the direction of the train's motion. At that moment, a train next to her own train, also bound for Chennai, starts. It would seem to Kamakshi as if		A												
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4" data-bbox="450 1249 2069 1294">Answer Options</th> </tr> <tr> <th data-bbox="450 1294 835 1339">Option A</th> <th data-bbox="835 1294 1169 1339">Option B</th> <th data-bbox="1169 1294 1637 1339">Option C</th> <th data-bbox="1637 1294 2069 1339">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 1339 835 1449">She is moving backward</td> <td data-bbox="835 1339 1169 1449">she is moving forward</td> <td data-bbox="1169 1339 1637 1449">the other train is moving backward</td> <td data-bbox="1637 1339 2069 1449">the people on the station are moving backward</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	She is moving backward	she is moving forward	the other train is moving backward	the people on the station are moving backward
Answer Options																	
Option A	Option B	Option C	Option D														
She is moving backward	she is moving forward	the other train is moving backward	the people on the station are moving backward														

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)								
6.	3_17 1456	MOTION AND MEASUREMENT OF DISTANCES	Which of the following is an example of a lever?	<div style="text-align: center; border: 1px solid black; padding: 5px;"> Answer Options </div> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th data-bbox="459 469 900 517">Option A</th> <th data-bbox="900 469 1272 517">Option B</th> <th data-bbox="1272 469 1630 517">Option C</th> <th data-bbox="1630 469 2051 517">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="459 517 900 916">  A curved road A. </td> <td data-bbox="900 517 1272 916">  A balance B. </td> <td data-bbox="1272 517 1630 916">  A pulley C. </td> <td data-bbox="1630 517 2051 916">  A spring balance D. </td> </tr> </tbody> </table>	Option A	Option B	Option C	Option D	 A curved road A.	 A balance B.	 A pulley C.	 A spring balance D.	B
Option A	Option B	Option C	Option D										
 A curved road A.	 A balance B.	 A pulley C.	 A spring balance D.										
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)								
7.	3_17 1463	Motion and measurement of distances	What does this road sign represent?		B								
Answer Options													

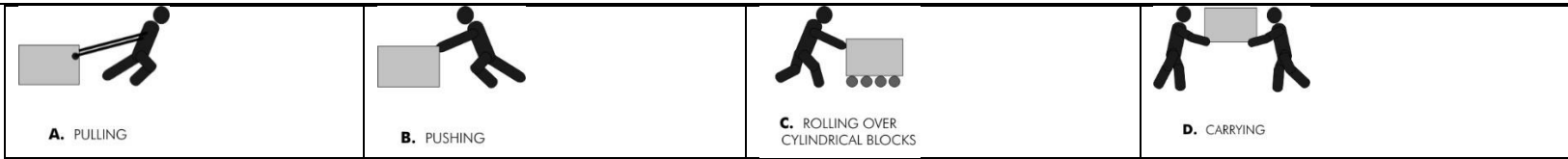
			Option A	Option B	Option C	Option D	
			Cycles can be parked here.	Cycles may be crossing here.	Cycle Repair Shop.	Cycling not allowed here.	

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
8.	1_3 science 7252	Motion and measurement of distances	Choose the appropriate unit to indicate the distance between Delhi and Chennai.		A												
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Kilometres</td> <td>Kilolitres</td> <td>Millimetres</td> <td>Millilitres</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Kilometres	Kilolitres	Millimetres	Millilitres
Answer Options																	
Option A	Option B	Option C	Option D														
Kilometres	Kilolitres	Millimetres	Millilitres														

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	1_3 science 7307	Motion and measurement of distances	In the figure given below the length of 1 small square has to be calculated. If it is known that each square is of equal length, which of these methods is possible and will be most accurate?		C

		Answer Options																
		Option A	Option B	Option C	Option D													
		Simply measure the length of 1 square	Measure the length of 2 squares using a ruler and divide the answer by 2	Measure the length of 8 squares using a ruler and divide the answer by 8	Measure the length of 10 squares using a ruler and divide the answer by 10													
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
10.	1_3 science 7322	Motion and measurement of distances	If Ramya weighs about double of Sajid, how should they sit on a see-saw?			D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>A. </td> <td>B. </td> <td>C. </td> <td>D. </td> </tr> </tbody> </table>							Answer Options				Option A	Option B	Option C	Option D	A. 	B. 	C. 	D. 
Answer Options																		
Option A	Option B	Option C	Option D															
A. 	B. 	C. 	D. 															
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												

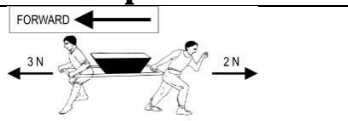
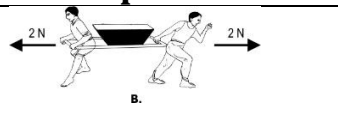
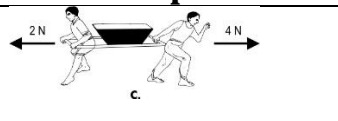
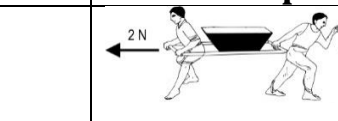
11.	2_9 science 4916	Motion and measurement of distances	A worker was asked to measure the depth of a pit he had dug. What is the unit the worker should use to express the depth?		B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>kilograms</td> <td>metres</td> <td>millilitres</td> <td>Milligrams</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	kilograms	metres	millilitres	Milligrams
Answer Options																	
Option A	Option B	Option C	Option D														
kilograms	metres	millilitres	Milligrams														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
12.	2_9 science 4919	Motion and measurement of distances	A box with some heavy objects has to be moved from one place to another. Which of these would be the easiest way to move the box?		c												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D				
Answer Options																	
Option A	Option B	Option C	Option D														



S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	2_9 science 4923	Motion and measurement of distances	The volume of the object immersed in water is		A												
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>10 ml</td> <td>20 ml</td> <td>30 ml</td> <td>40 ml</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	10 ml	20 ml	30 ml	40 ml
Answer Options																	
Option A	Option B	Option C	Option D														
10 ml	20 ml	30 ml	40 ml														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	3_17 1462		What temperature does this thermometer show? See carefully		B												

Answer Options			
Option A	Option B	Option C	Option D
10.4 degrees C	14 degrees C	10 degrees F	14 degrees F

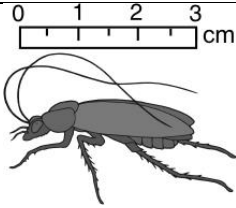
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
15.	2_9 science 4928	Motion and measurement of distances	Which among these four carts will move in the FORWARD direction? The forces exerted are shown in Newtons (N)		A

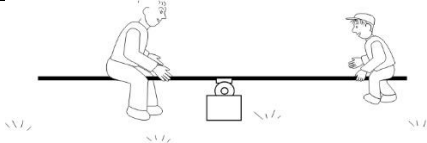
Answer Options			
Option A	Option B	Option C	Option D
 <p>Diagram A: A cart is being pushed from both sides. A 3N force is applied to the left, and a 2N force is applied to the right. A box labeled "FORWARD" with an arrow pointing left is shown above the cart.</p>	 <p>Diagram B: A cart is being pushed from both sides. A 2N force is applied to the left, and a 2N force is applied to the right.</p>	 <p>Diagram C: A cart is being pushed from both sides. A 2N force is applied to the left, and a 4N force is applied to the right.</p>	 <p>Diagram D: A cart is being pushed from both sides. A 2N force is applied to the left, and a 3N force is applied to the right.</p>


**QUESTION PAPER
SET- 18
SUBJECT : SCIENCE
GRADE : 6**

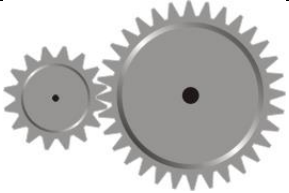
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	2_9 science 4933	Motion and measurement of distances	An example of a force applied against the direction of motion is:		C
Answer Options					
		Option A	Option B	Option C	Option D
		opening a door	applying brakes suddenly to a moving car	a batsman hitting a cricket ball	drawing water from a well
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
2.	2_9 science 4942	Motion and measurement of distances	Communicating with the world and people in far-off places has become easy due to advances in technology. Identify the correct sequence below from the early tools to the latest:		C

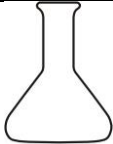
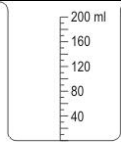


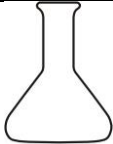
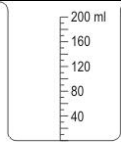


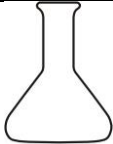
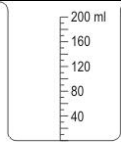



Answer Options			
Option A	Option B	Option C	Option D
telegraph, postal system, telephone, internet.	postal system, telegraph, internet, telephone.	postal system, telegraph, telephone, internet.	telephone, postal system, telegraph, internet.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	2_9 science 6005	Motion and measurement of distances	The picture shows a drawing of a cockroach. Its real length is 30 mm. Then the drawing is		D												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>half its size.</td> <td>double its size.</td> <td>two third its size.</td> <td>the same size.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	half its size.	double its size.	two third its size.	the same size.
Answer Options																	
Option A	Option B	Option C	Option D														
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















4.	2_9 science 6009	Motion and measurement of distances	The weight (mass) of a CLASS 6 STUDENT is most likely to be in the range of		B										
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>10-20 kg</td> <td>25-35 kg</td> <td>35-45 kg</td> <td>45-55 kg</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	10-20 kg	25-35 kg
Answer Options															
Option A	Option B	Option C	Option D												
10-20 kg	25-35 kg	35-45 kg	45-55 kg												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)									
5.	2_9 science 6011	Motion and measurement of distances	Two children are playing on a see-saw. What can be said about the LOAD, EFFORT and FULCRUM of the see-saw?			C									
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>It is not a lever, so there is no load, effort or fulcrum.</td> <td>The load is at one end; the fulcrum and effort keep on changing.</td> <td>The fulcrum is at the centre; the load and effort keep on changing.</td> <td>The fulcrum is at the centre; there is no load and effort.</td> </tr> </tbody> </table>					Answer Options				Option A	Option B	Option C	Option D	It is not a lever, so there is no load, effort or fulcrum.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)									

6.	2_9 science 6035	Motion and measurement of distances	David and Peter start at the same time from P to go to Q. David travels with the same speed without stopping anywhere, while Peter stops 4 times before reaching Q. Who will reach Q first?		D										
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>David</td> <td>Peter</td> <td>Both will reach at the same time</td> <td>We cannot say with the given information.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	David	Peter
Answer Options															
Option A	Option B	Option C	Option D												
David	Peter	Both will reach at the same time	We cannot say with the given information.												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										
7.	2_9 science 6038	Motion and measurement of distances	Friction is a force that opposes motion. Friction acts in a direction opposite to the direction of motion. If there were no friction, what would happen to Sunita who is on roller skates?		B										
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>She would move at constant speed.</td> <td>She would not move at all.</td> <td>She would move to a distance and then stop.</td> <td>She would move faster and faster continuously.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	She would move at constant speed.	She would not move at all.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)										

8.	2_10 Science 4114	Motion and measurement of distances	The diagram below shows two toothed wheels of different sizes. Such wheels are called GEARS. Which of the following statements is true?		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>The number of 'teeth' in both the gears is the same.</td> <td>The smaller gear turns faster than the bigger gear.</td> <td>The gears rotate in the same direction</td> <td>It is possible for only one of the gears to be turning.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The number of 'teeth' in both the gears is the same.	The smaller gear turns faster than the bigger gear.	The gears rotate in the same direction	It is possible for only one of the gears to be turning.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
9.	2_10 Science 4118	Motion and measurement of distances	What could be the capacity of an overhead tank in a multi-storeyed building?		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>30 litres</td> <td>300 litres</td> <td>3000 litres</td> <td>30000 litres</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	30 litres	300 litres	3000 litres	30000 litres
Answer Options																	
Option A	Option B	Option C	Option D														
30 litres	300 litres	3000 litres	30000 litres														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
	2_10	Motion and	A scientist needs to measure 5 ml of a		C												

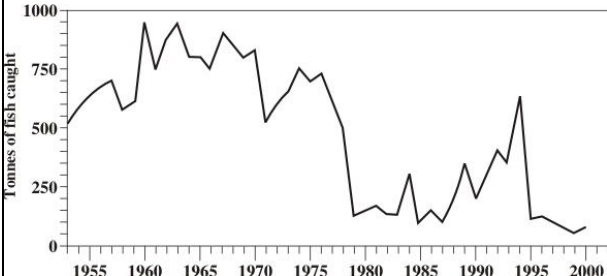
10.	Science 4119	measurement of distances	liquid. Which of these would be best for him to use?														
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> <tr> <td data-bbox="443 308 831 520">  A. A flask </td> <td data-bbox="831 308 1198 520">  B. A beaker </td> <td data-bbox="1198 308 1608 520">  C. A marked filler </td> <td data-bbox="1608 308 2107 520">  D. A test tube </td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	 A. A flask	 B. A beaker	 C. A marked filler	 D. A test tube
Answer Options																	
Option A	Option B	Option C	Option D														
 A. A flask	 B. A beaker	 C. A marked filler	 D. A test tube														
S.N	Folder Number & Questio n Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
11.	2_10 science 4121	Motion and measurement of distances	Does holding a long horizontal stick make it easier for a tight rope walker to maintain balance?		D												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D				
Answer Options																	
Option A	Option B	Option C	Option D														

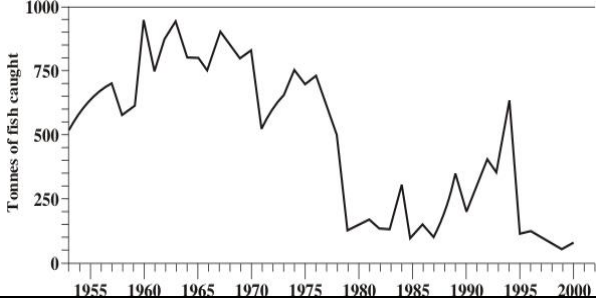
		No, it is purely psychological.	Yes, the stick's weight places the walker firmly on the rope.	No, if he falls, the stick can be used for support.	Yes, slight adjustments of the stick can help the walker retain balance.	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
12.	2_10 Science 4122	Motion and measurement of distances	Chandrasekhar has to move up a load and is considering three different ways of doing it, as shown in the figure. Which one will require the least force to be used?			C
Answer Options						
Option A		Option B		Option C		Option D
P		Q		R		All will require the same force.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)

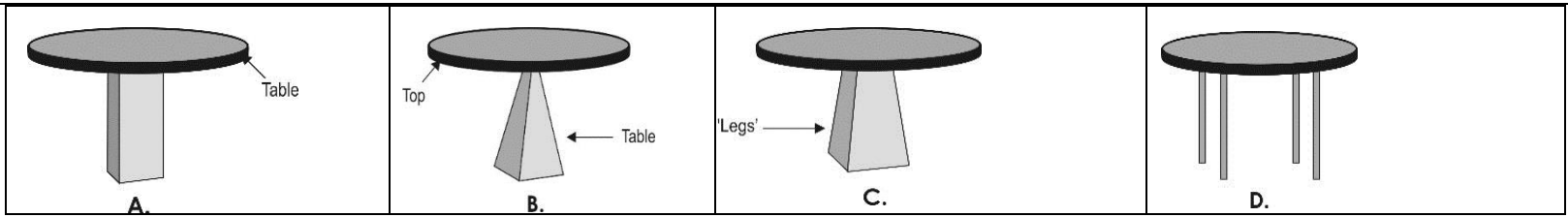
13.	2_10 Science 4125	Motion and measurement of distances	Study this table which shows the lengths and drawings of some sharks. The length of the shark is 3.5m and it eats fish. Identify the shark.	<table border="1"> <thead> <tr> <th>Name</th> <th>Food</th> <th>Picture (to scale)</th> <th>Scale 3m</th> </tr> </thead> <tbody> <tr> <td>Basking sharks</td> <td>Plankton</td> <td></td> <td></td> </tr> <tr> <td>Mako sharks</td> <td>Blue fish, Herring</td> <td></td> <td></td> </tr> <tr> <td>Nurse sharks</td> <td>Crabs, oysters</td> <td></td> <td></td> </tr> <tr> <td>Thresher sharks</td> <td>Fish</td> <td></td> <td></td> </tr> <tr> <td>White sharks</td> <td>Sea lions, tuna, other sharks</td> <td></td> <td></td> </tr> <tr> <td>Tiger sharks</td> <td>Dolphins sea turtles, fish.</td> <td></td> <td></td> </tr> </tbody> </table>	Name	Food	Picture (to scale)	Scale 3m	Basking sharks	Plankton			Mako sharks	Blue fish, Herring			Nurse sharks	Crabs, oysters			Thresher sharks	Fish			White sharks	Sea lions, tuna, other sharks			Tiger sharks	Dolphins sea turtles, fish.			A
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																												
14.	2_10 Science 4129	Motion and measurement of distances	Sunita is taking a train to Madurai. Her train has stopped at Trichinapally. She is facing the direction the train will be moving in. She can see a train next to her. The train is also going to Madurai and it leaves first. As the other train leaves, it seems to Sunita as if _____		A																												
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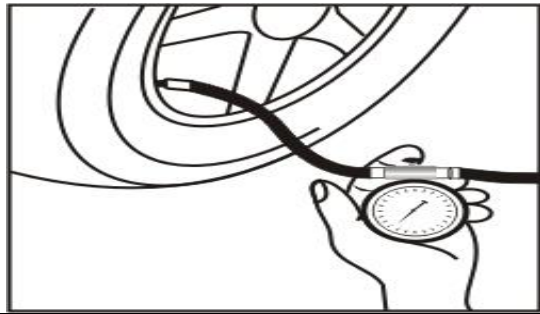
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	3_1622391	Motion and measurement of distances	Ramesh announced in class: Yesterday I had fever and my body temperature was 100 degrees." Ravi said: "We learnt in the last period that water boils at a temperature of 100 degrees" Sonal said: "So Ramesh's temperature yesterday was close to the boiling point of water." What can we say about that conversation?"		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="439 652 2069 699">Answer Options</th> </tr> <tr> <th data-bbox="439 699 797 745">Option A</th> <th data-bbox="797 699 1144 745">Option B</th> <th data-bbox="1144 699 1588 745">Option C</th> <th data-bbox="1588 699 2069 745">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="439 745 797 924">All are correct: human body temperature during fever is close to the boiling point of water.</td> <td data-bbox="797 745 1144 924">Ramesh is making some mistake - he is not remembering his temperature correctly.</td> <td data-bbox="1144 745 1588 924">Ravi is incorrectly recalling the boiling point of water he learnt about in class.</td> <td data-bbox="1588 745 2069 924">Ramesh and Ravi are correct, but they are using different measurement scales.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	All are correct: human body temperature during fever is close to the boiling point of water.	Ramesh is making some mistake - he is not remembering his temperature correctly.	Ravi is incorrectly recalling the boiling point of water he learnt about in class.	Ramesh and Ravi are correct, but they are using different measurement scales.
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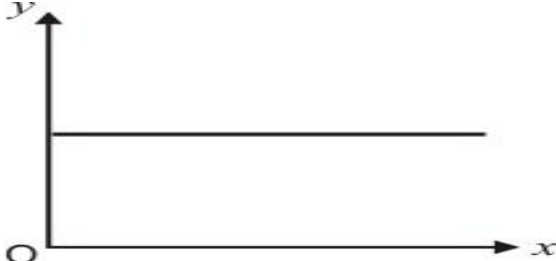
QUESTION PAPER
SET- 19
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
1.	3_16 2392	Motion and measurement of distances	During which of these periods did the fish production fall the most?	Observe the graph below which shows the number of tons fish caught from a lake in Canada from 1945 to 2000. The question is based on it. 	C				
						Answer Options			
						Option A 1970 -1971	Option B 1977 -1978	Option C 1994 -1995	Option D 1959 - 1960
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				

2.	3_16 2393	Motion and measurement of distances	From the given graph, what can be concluded about the commercial fish production between the years 1990 and 2000?	Observe the graph below which shows the number of tons fish caught from a lake in Canada from 1945 to 2000. The question is based on it. 	C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" data-bbox="427 528 2029 571">Answer Options</th> </tr> <tr> <th data-bbox="427 571 824 619">Option A</th> <th data-bbox="824 571 1256 619">Option B</th> <th data-bbox="1256 571 1711 619">Option C</th> <th data-bbox="1711 571 2029 619">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="427 619 824 798">It was the best decade in commercial fish production in over 30 years.</td> <td data-bbox="824 619 1256 798">Due to environmental and legal problems, fish production fell drastically.</td> <td data-bbox="1256 619 1711 798">Except for a surge during the middle of the decade, it was a bad decade.</td> <td data-bbox="1711 619 2029 798">The number of fish caught decreased every year during the decade.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	It was the best decade in commercial fish production in over 30 years.	Due to environmental and legal problems, fish production fell drastically.	Except for a surge during the middle of the decade, it was a bad decade.	The number of fish caught decreased every year during the decade.
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3.	3_16 2394	Motion and measurement of distances	Consider the four tables shown here. The table top is heavy, and identical in all four cases. The legs" are made of a strong but light material and their weight can be ignored. Which table would be the most stable?"		D												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" data-bbox="465 1358 2067 1401">Answer Options</th> </tr> <tr> <th data-bbox="465 1401 860 1444">Option A</th> <th data-bbox="860 1401 1193 1444">Option B</th> <th data-bbox="1193 1401 1637 1444">Option C</th> <th data-bbox="1637 1401 2067 1444">Option D</th> </tr> </thead> </table>						Answer Options				Option A	Option B	Option C	Option D				
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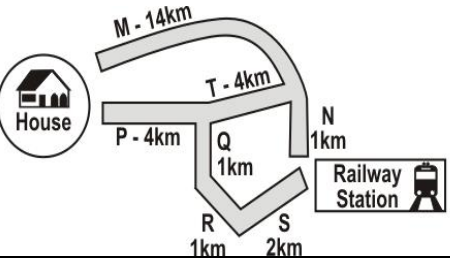
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
4.	3_16 2395	Motion and measurement of distances	Observe the picture. The quantity being measured may be expressed in which of these units?		A												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" data-bbox="450 943 2069 986">Answer Options</th> </tr> <tr> <th data-bbox="450 986 833 1029">Option A</th> <th data-bbox="833 986 1167 1029">Option B</th> <th data-bbox="1167 986 1637 1029">Option C</th> <th data-bbox="1637 986 2069 1029">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 1029 833 1141">newton per square meter</td> <td data-bbox="833 1029 1167 1141">kilogram per square meter</td> <td data-bbox="1167 1029 1637 1141">kelvin</td> <td data-bbox="1637 1029 2069 1141">Ampere</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	newton per square meter	kilogram per square meter	kelvin	Ampere
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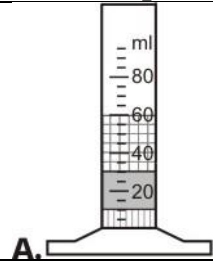
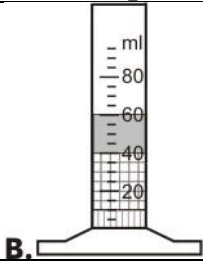
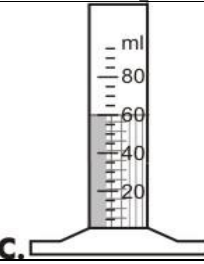
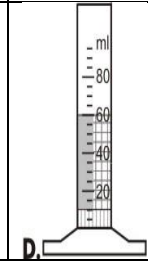
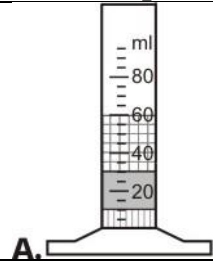
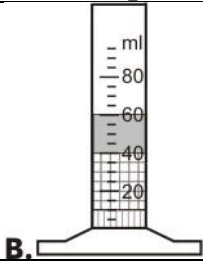
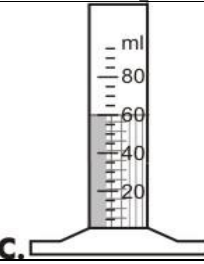
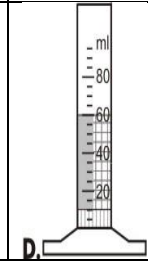
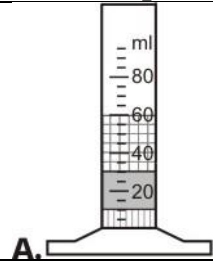
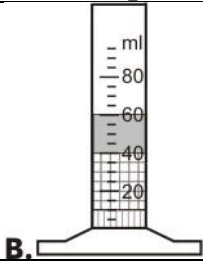
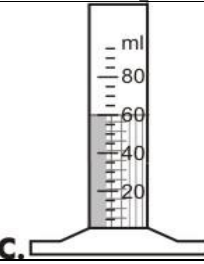
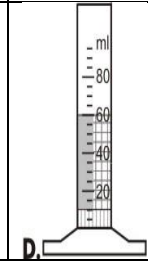
5.	3_16 2397	Motion and measurement of distances	A scientist conducts 2 laboratory investigations to determine the effect of temperature on the heartbeat rate of Daphnia (water fleas) and enters the data in a table. Which of these is a valid conclusion we can make from the data?	<table border="1" data-bbox="1077 161 1673 555"> <thead> <tr> <th rowspan="2">Temperature (degrees Celsius)</th> <th colspan="2">Heart Rate (beats/minute)</th> </tr> <tr> <th>Investigation 1</th> <th>Investigation 2</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>108</td> <td>104</td> </tr> <tr> <td>10</td> <td>152</td> <td>146</td> </tr> <tr> <td>15</td> <td>200</td> <td>202</td> </tr> <tr> <td>20</td> <td>260</td> <td>256</td> </tr> <tr> <td>25</td> <td>300</td> <td>298</td> </tr> </tbody> </table>	Temperature (degrees Celsius)	Heart Rate (beats/minute)		Investigation 1	Investigation 2	5	108	104	10	152	146	15	200	202	20	260	256	25	300	298	B
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6.	3_16 2399	Motion and measurement of distances	In this line graph, what is the relationship between the x and y variables?		C																				

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7.	3_16 2400	Motion and measurement of distances	Two identical cylindrical water bottles P and Q are taken and bottle Q is partly filled with water as shown. They are then rolled down from the top of a smooth ramp, after which is a long flat path. Which bottle will reach the finishing line first?		A												
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8.	3_16 2402	Motion and measurement of distances	In which of these cases will the larger wheel turn at exactly half the speed of the smaller one?	B
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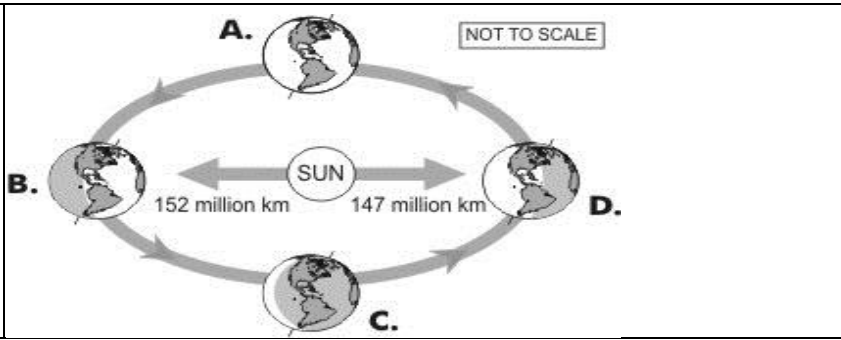
Answer Options			
Option A	Option B	Option C	Option D
 <p data-bbox="555 683 600 711">A.</p>	 <p data-bbox="873 683 918 711">B.</p>	 <p data-bbox="1240 683 1285 711">C.</p>	 <p data-bbox="1778 683 1823 711">D.</p>

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	3_16 2403	Motion and measurement of distances	The given map shows different possible routes from Ramesh's house to the Railway Station. The length of each road is given. Due to traffic the average speed on roads P, Q, R and S is 15 km/h; on T is 30 km/h and on M and N is 45 km/h. Which route should Ramesh take to reach the station in the minimum possible time?		D

		Answer Options																
		Option A	Option B	Option C	Option D													
		M, T, Q, R, S	P, Q, R, S	P, T, N	M, N													
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												
10.	4_23 8990	MOTION AND MEASUREMENT OF DISTANCES	The density of water is 1g/cc. Mercury is denser and kerosene is less dense than water. None of the liquids mix with each other. What will a jar that has 20 ml of water, 10 ml of mercury and 30 ml of kerosene look like?			A												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)												

11.	3_17 1481	MOTION AND MEASUREMENT OF DISTANCES	<p>Raghav said that his uncle had presented him a bicycle with gears. On hearing that, his friends made these comments:</p> <p>Shilpa : Impossible! Cycles can't have gears"</p> <p>Sarika : "Cycles can have gears, but they are only for show."</p> <p>Ali : "Cycle gears can make cycling easier, like when climbing slopes."</p> <p>Jagrut : "Cycle gears can be used to help the cycle reverse."</p> <p>Only one of them is correct. Who?"</p>			C															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Shilpa</td> <td style="text-align: center;">Sarika</td> <td style="text-align: center;">Ali</td> <td style="text-align: center;">Jagrut</td> </tr> </tbody> </table>							Answer Options				Option A	Option B	Option C	Option D	Shilpa	Sarika	Ali	Jagrut			
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)															
12.	3_17 1482	MOTION AND MEASUREMENT OF DISTANCES	Which of these pulse rates does NOT correctly correspond to the activity shown?	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 60%;">Activity</th> <th style="width: 35%;">Pulse rate (beats/min)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A.</td> <td style="text-align: center;">Resting</td> <td style="text-align: center;">70</td> </tr> <tr> <td style="text-align: center;">B.</td> <td style="text-align: center;">Eating</td> <td style="text-align: center;">74</td> </tr> <tr> <td style="text-align: center;">C.</td> <td style="text-align: center;">Walking</td> <td style="text-align: center;">99</td> </tr> <tr> <td style="text-align: center;">D.</td> <td style="text-align: center;">Dancing</td> <td style="text-align: center;">90</td> </tr> </tbody> </table>			Activity	Pulse rate (beats/min)	A.	Resting	70	B.	Eating	74	C.	Walking	99	D.	Dancing	90	C
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C.	Walking	99																			
D.	Dancing	90																			
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Option A	Option B	Option C	Option D																		
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	3_17 1484	MOTION AND MEASUREMENT OF DISTANCES	<p>Kalpana set up the experiment shown below. She realised that when the car was released from the top of the plank, it travels a certain distance. She wanted to increase the distance that the car travelled after coming down the plank.</p> <p>Which among the following would enable her to achieve her goal?</p>		A												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>Increase the number of bricks being used.</td> <td>Decrease the number of bricks being used.</td> <td>Use a slightly longer slanted plank.</td> <td>Use a slightly shorter slanted plank.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Increase the number of bricks being used.	Decrease the number of bricks being used.	Use a slightly longer slanted plank.	Use a slightly shorter slanted plank.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

14.	3_17 1486	MOTION AND MEASUREMENT OF DISTANCES	Which of the positions shown represents WINTER in Sydney, Australia?		B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	A	B	C	D
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15.	3_15 3508	Motion and measurement of distances	The lunar cycle (from one new moon to the next) is completed in about a month because in that time_____.		D												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>the earth rotates once on its axis</td> <td>the earth revolves once around the sun</td> <td>the earth completes half a revolution</td> <td>the moon revolves once around the earth</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	the earth rotates once on its axis	the earth revolves once around the sun	the earth completes half a revolution	the moon revolves once around the earth
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QUESTION PAPER
SET- 20
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																														
1.	3_15 3501	Motion and measurement of distances	Some students conduct an experiment to find out how long different rubber balls would keep bouncing before they stop, when dropped from a fixed height. Which unit would be the most suitable for measuring the results of their experiment?		D																														
					Answer Options																														
					Option A	Option B	Option C	Option D																											
					hours	kilograms	metres	Seconds																											
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																														
2.	4_24 10223	Motion and measurement of distances	Identify the planet that is closest to the earth.	Use the information about the Solar System given below and answer the question.	B																														
				<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th></th> <th>Mercury</th> <th>Venus</th> <th>Earth</th> <th>Mars</th> <th>Jupiter</th> <th>Saturn</th> <th>Uranus</th> <th>Neptune</th> <th>Pluto</th> </tr> </thead> <tbody> <tr> <td>Distance from sun (million km)</td> <td style="text-align: center;">58</td> <td style="text-align: center;">108</td> <td style="text-align: center;">150</td> <td style="text-align: center;">227</td> <td style="text-align: center;">778</td> <td style="text-align: center;">1,427</td> <td style="text-align: center;">2,869</td> <td style="text-align: center;">4,497</td> <td style="text-align: center;">5,888</td> </tr> <tr> <td>Planet diameter (km)</td> <td style="text-align: center;">4,880</td> <td style="text-align: center;">12,100</td> <td style="text-align: center;">12,800</td> <td style="text-align: center;">6,790</td> <td style="text-align: center;">143,000</td> <td style="text-align: center;">120,000</td> <td style="text-align: center;">51,000</td> <td style="text-align: center;">49,000</td> <td style="text-align: center;">3,000</td> </tr> </tbody> </table>		Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Distance from sun (million km)	58	108	150	227	778	1,427	2,869	4,497	5,888	Planet diameter (km)	4,880	12,100	12,800	6,790	143,000	120,000	51,000	49,000	3,000	
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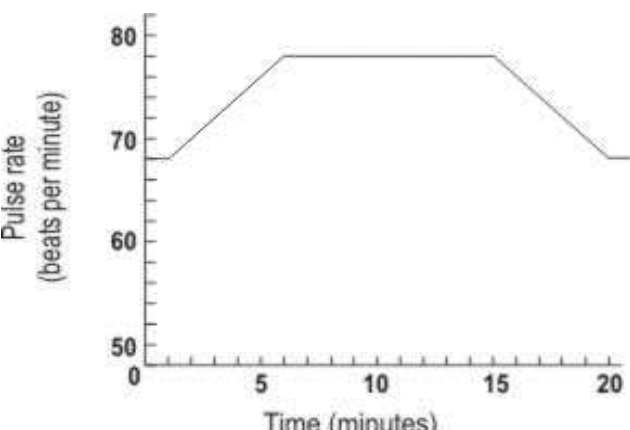
Answer Options			
Option A	Option B	Option C	Option D
Mercury	Venus	Mars	Jupiter

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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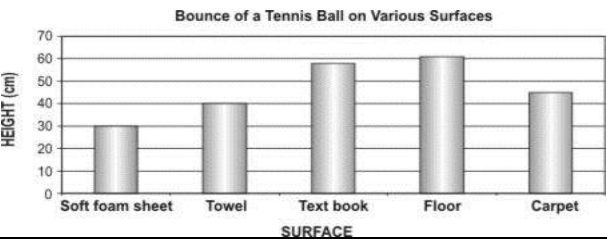
3.	4_24 10224	Motion and measurement of distances	How many planets have a larger diameter than that of the earth?	Use the information about the Solar System given below and answer the question. <table border="1"> <tr> <td></td> <td>Mercury</td> <td>Venus</td> <td>Earth</td> <td>Mars</td> <td>Jupiter</td> <td>Saturn</td> <td>Uranus</td> <td>Neptune</td> <td>Pluto</td> </tr> <tr> <td>Distance from sun (million km)</td> <td>58</td> <td>108</td> <td>150</td> <td>227</td> <td>778</td> <td>1,427</td> <td>2,869</td> <td>4,497</td> <td>5,888</td> </tr> <tr> <td>Planet diameter (km)</td> <td>4,880</td> <td>12,100</td> <td>12,800</td> <td>6,790</td> <td>143,000</td> <td>120,000</td> <td>51,000</td> <td>49,000</td> <td>3,000</td> </tr> </table>		Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Distance from sun (million km)	58	108	150	227	778	1,427	2,869	4,497	5,888	Planet diameter (km)	4,880	12,100	12,800	6,790	143,000	120,000	51,000	49,000	3,000	C
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Answer Options			
Option A	Option B	Option C	Option D
2	3	4	5

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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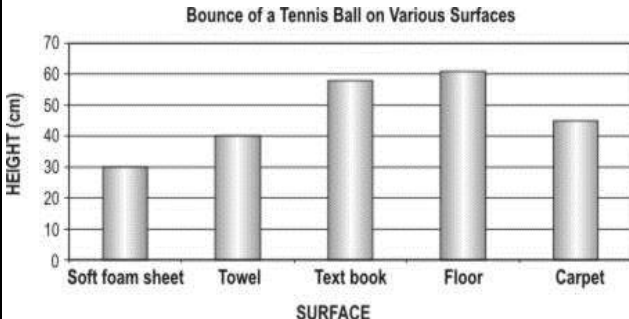
4.	4_24 10225	Motion and measurement of distances	Devpal rides a bicycle for 15 minutes and then stops. The graph below shows how his pulse changes as he cycles. After he stops cycling, how many minutes does it take his pulse rate to come back to normal?		A
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Answer Options			
Option A	Option B	Option C	Option D
5 minutes	10 minutes	15 minutes	20 minutes

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
5.	4_24 10230	Motion and measurement of distances	Which of the following tables best represents the information given in the graph?	<p>Saroja and Ali dropped the same tennis ball from a height of 1 metre on various surfaces and measured how high it bounced each time. Study the graph they made and answer the question.</p> 	C

Answer Options							
Option A		Option B		Option C		Option D	
Surface	Height of bounce (cm)	Surface	Height of bounce (cm)	Surface	Height of bounce (cm)	Surface	Height of bounce (cm)
Soft foam sheet	30	Soft foam sheet	30	Soft foam sheet	30	Soft foam sheet	30
Towel	40	Towel	40	Towel	40	Towel	40
Text book	45	Text book	50	Text book	58	Text book	60
Floor	58	Floor	60	Floor	61	Floor	60
Carpet	61	Carpet	70	Carpet	45	Carpet	45

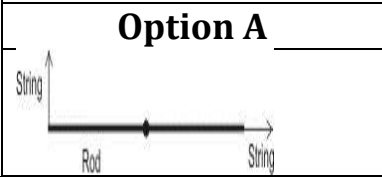
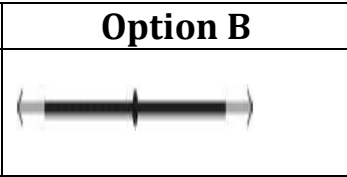
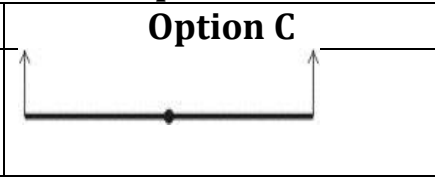
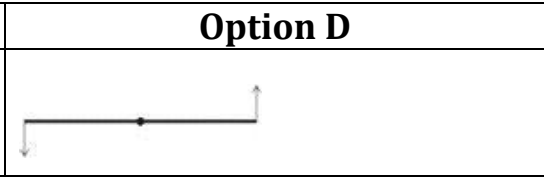
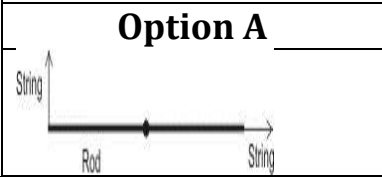
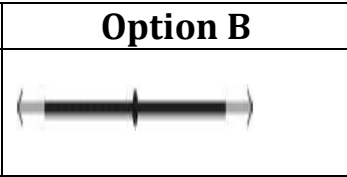
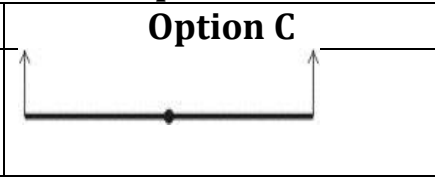
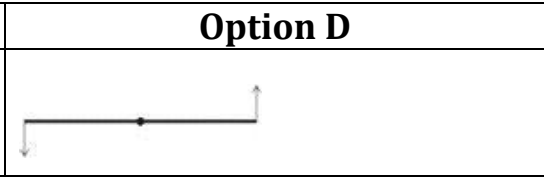
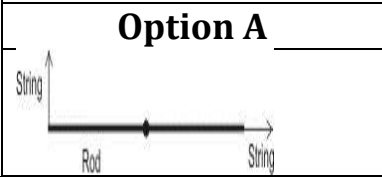
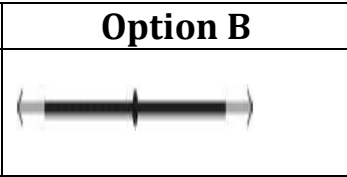
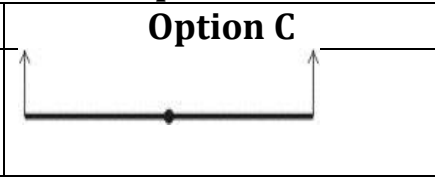
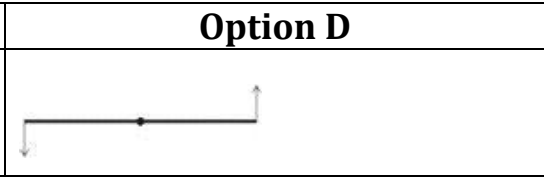
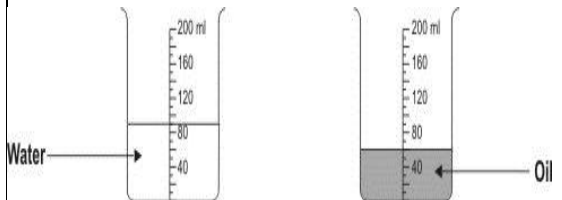
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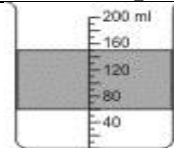
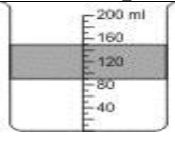
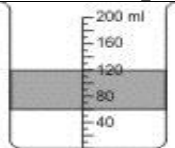
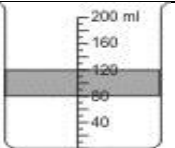
6.	4_24 10231	Motion and measurement of distances	Which of these can be concluded from the information IN THIS GRAPH?	<p>Saroja and Ali dropped the same tennis ball from a height of 1 meter on various surfaces and measured how high it bounced each time. Study the graph they made and answer the question.</p> 	B
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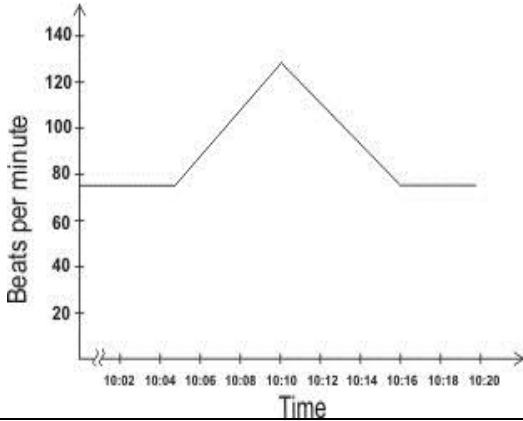
Answer Options			
Option A	Option B	Option C	Option D
the bounce depends on the height from which the ball is dropped.	the bounce is likely to be different for different surfaces.	the bounce depends on the type of ball that is dropped.	the bounce does not depend on the type of ball that is dropped.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
7.	3_15 3526	Motion and measurement of distances.	Ball P was moving in the direction shown. After some time it collided with ball Q. The position and direction of motion of ball P after some time is shown below. Which of these could have been the direction of motion of ball Q before the collision?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
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8.	3_15 3528	Motion and measurement of distances.	Here are images of three objects. The ruler shown in each image IS THE SAME. Which object is the longest?		A												

Answer Options			
Option A	Option B	Option C	Option D
the book	the eraser	the mobile	all are of the same length

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
9.	4_25 11831	MOTION AND MEASUREMENT OF DISTANCES	A rod can turn around the pin at its centre. Two strings are hooked to the rod. Mitul and Kirti pull on the strings with equal force in the directions shown. In which case will they make the rod turn?		B												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
10.	4_25 11834	MOTION AND MEASUREMENT OF DISTANCES	There are two beakers containing oil and water as shown below. Oil floats on water and does not mix with it. If all the water from the first beaker is poured into the beaker of oil, what will be the level in the second beaker?		B												

Answer Options			
Option A	Option B	Option C	Option D
			

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
11.	4_25 11836	MOTION AND MEASUREMENT OF DISTANCES	The graph shows Ashok's heartbeat during the period 10:02 a.m. to 10:20 a.m. How did his heartbeat change between 10:10 and 10:16?		C												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>It increased and then decreased.</td> <td>It increased at a uniform pace.</td> <td>It decreased at a uniform pace.</td> <td>It stayed constant.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	It increased and then decreased.	It increased at a uniform pace.	It decreased at a uniform pace.	It stayed constant.
Answer Options																	
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
12.	4_25 11925	Motion and measurement of distances	If the earth was to rotate at twice its present rate of rotation, which of these changes is likely to be observed?		A												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>There will be 2 days and 2 nights within 24 hours.</td> <td>There will be only 1 day OR 1 night in 24 hours.</td> <td>The 24 hour duration of the day-night cycle will not change.</td> <td>The duration of each day will be 18 hours and night 6 hours.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	There will be 2 days and 2 nights within 24 hours.	There will be only 1 day OR 1 night in 24 hours.	The 24 hour duration of the day-night cycle will not change.	The duration of each day will be 18 hours and night 6 hours.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
13.	4_25 11926	Motion and measurement of distances	What would be the season in New Delhi when the position of the earth is at R as shown in the figure?		B												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>Summer</td> <td>Winter</td> <td>Rainy Season</td> <td>Spring</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Summer	Winter	Rainy Season	Spring
Answer Options																	
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Summer	Winter	Rainy Season	Spring														

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	3_16 2376	Motion and measurement of distances	<p>A measuring cylinder can be used to measure the volume of a stone. This can be done in the six steps given below. These are not put in the correct order.</p> <ol style="list-style-type: none"> 1.Lower the stone with the help of a thread slowly into the cylinder. 2.Calculate the difference in the two readings. 3.Read the scale. 4.Fill the cylinder with water to the required level. 5.Take the new reading. 6.Make sure the stone is fully submerged and water does not overflow. <p>What is the correct order of these steps to measure the volume of the stone?</p>		A												
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Answer Options																	
Option A	Option B	Option C	Option D														
4, 3, 1, 6, 5, 2	1, 6, 3, 4, 2, 5	5, 1, 2, 4, 3, 6	3, 4, 5, 2, 1, 6														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

15.

3_16
2379

Motion and measurement of distances

If 10,00,000 μg is 1 gram, about how many MILLIGRAMS of SPM would there be in 1m^3 of air in Colaba in Mumbai

Study this table containing pollution data about various Indian cities on a particular day and answer the question.

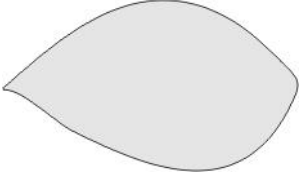
A

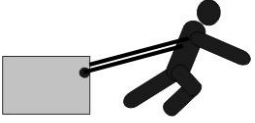

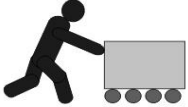
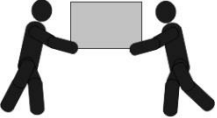
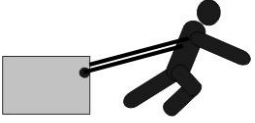

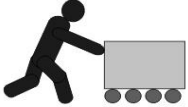
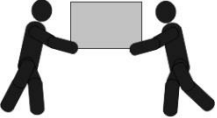
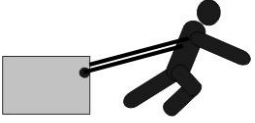

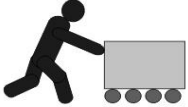
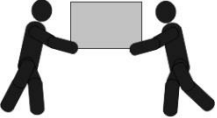
CITY	Suspended Particulate Matter SPM ($\mu\text{g}/\text{m}^3$)	Gas Pollution	
		SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)
Ahmedabad (Ashram Road)	140	1	19
Bangalore (J.C. Road)	205	5	23
Chandigarh (Sector 7)	265	17	25
Chennai (T. Nagar)	270	10	6
Delhi (Lajpat Nagar)	413	7	24
Guwahati (Silpukhuri)	114	13	27
Hyderabad (Sr. Nagar)	232	6	29
Kolkata (Shyam Bazar)	146	6	38
Lucknow (Dalibagh)	357	10	22
Mumbai (Colaba)	291	9	21

Answer Options			
Option A	Option B	Option C	Option D
0.291	2.91	291	2910

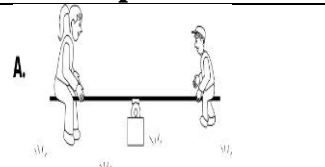
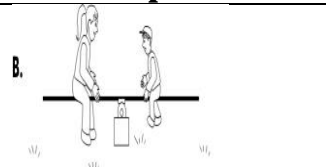
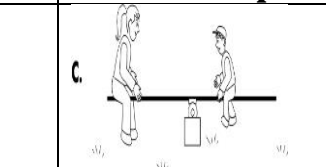
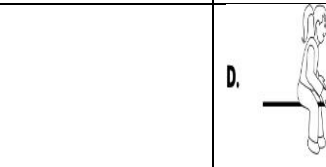
QUESTION PAPER
SET- 21
SUBJECT : SCIENCE
GRADE : 6


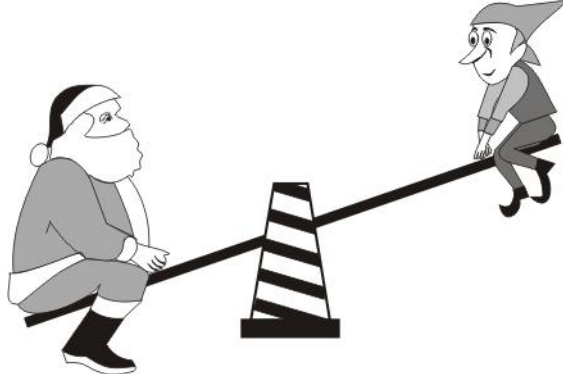
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)						
1.	2_9 Science 4936	Motion and Measurement of Distances	John's bedroom windows shake when crackers are burst near his house. Which of these scientific facts explains why this happens?			A					
						Answer Options					
						Option A	Option B	Option C	Option D		
						Sound waves transmit energy.	Heat waves transmit energy.	Light waves transmit energy.	Radio waves transmit energy.		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)						
2.	1_3 Science 6590	Motion and Measurement of Distances	Ravi rolled a ball on a big table with a <u>glass top</u> and noted how far the ball travelled before stopping. He then covered the table with a <u>cloth</u> , rolled the same ball in the same way, and noted the result: The MAIN reason for the ball	<table border="1" style="border-collapse: collapse; width: 100%;"> <thead> <tr> <th style="width: 25%;">Type of surface</th> <th style="width: 75%;">Distance travelled by the ball before stopping</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Glass</td> <td style="text-align: center;">2 metres</td> </tr> <tr> <td style="text-align: center;">Cloth</td> <td style="text-align: center;">1 metre</td> </tr> </tbody> </table>	Type of surface	Distance travelled by the ball before stopping	Glass	2 metres	Cloth	1 metre	C
Type of surface	Distance travelled by the ball before stopping										
Glass	2 metres										
Cloth	1 metre										

			travelling further on the glass surface is likely to be:														
		<table border="1"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>the cloth surface is smoother than the glass surface.</td> <td>Ravi threw the ball with greater speed on the glass surface.</td> <td>the glass surface is smoother than the cloth surface.</td> <td>the ball is made of glass.</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	the cloth surface is smoother than the glass surface.	Ravi threw the ball with greater speed on the glass surface.	the glass surface is smoother than the cloth surface.	the ball is made of glass.
Answer Options																	
Option A	Option B	Option C	Option D														
the cloth surface is smoother than the glass surface.	Ravi threw the ball with greater speed on the glass surface.	the glass surface is smoother than the cloth surface.	the ball is made of glass.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	1_3 Science 6600	Motion and Measurement of Distances	The best way to measure the exact length of this irregular solid (around the edge) is:		D												
		<table border="1"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>by using a metre scale.</td> <td>by using a formula.</td> <td>by using a piece of string.</td> <td>by using a piece of string and a metre scale.</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	by using a metre scale.	by using a formula.	by using a piece of string.	by using a piece of string and a metre scale.
Answer Options																	
Option A	Option B	Option C	Option D														
by using a metre scale.	by using a formula.	by using a piece of string.	by using a piece of string and a metre scale.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

4.	1_3 Science 6605	Motion and Measurement of Distances	A box with some heavy objects has to be moved from one place to another. Which of these would be the easiest way to move the box?		C												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 389 835 598">  A. PULLING </td> <td data-bbox="835 389 1169 598">  </td> <td data-bbox="1169 389 1637 598">  C. ROLLING OVER CYLINDRICAL BLOCKS </td> <td data-bbox="1637 389 2067 598">  D. CARRYING </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	 A. PULLING		 C. ROLLING OVER CYLINDRICAL BLOCKS	 D. CARRYING
Answer Options																	
Option A	Option B	Option C	Option D														
 A. PULLING		 C. ROLLING OVER CYLINDRICAL BLOCKS	 D. CARRYING														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
5.	1_3 Science 6606	Motion and Measurement of Distances	Preeti rubs her palms together. She feels them becoming warmer. This happens because:		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 1190 835 1310">her palm is a good heat insulator.</td> <td data-bbox="835 1190 1169 1310">the friction between her palms produces heat.</td> <td data-bbox="1169 1190 1637 1310">there is increased blood circulation in the palm.</td> <td data-bbox="1637 1190 2067 1310">her body is heated.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	her palm is a good heat insulator.	the friction between her palms produces heat.	there is increased blood circulation in the palm.	her body is heated.
Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number &	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option												

	Question Code				- A, B, C, D)												
6.	1_3 Science 6615	Motion and Measurement of Distances	Ashish rides his bicycle at a speed of 10 km/hour. How long will Ashish take to cover a distance of 25 km if he travels at the same speed throughout his journey?		C												
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>two and a half days</td> <td>two hours</td> <td>two and a half hours</td> <td>one hour</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	two and a half days	two hours	two and a half hours	one hour
Answer Options																	
Option A	Option B	Option C	Option D														
two and a half days	two hours	two and a half hours	one hour														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
7.	1_3 Science 6621	Motion and Measurement of Distances	The weight of an substance is 48N on earth. We get this by multiplying the mass of the substance by 9.8 ms^{-2} which is the acceleration due to gravity 'g'. The corresponding value of 'g' on the moon is one-sixth that of the earth. What will the weight of the substance be on the moon?		B												
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>48N</td> <td>8N</td> <td>6N</td> <td>40N</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	48N	8N	6N	40N
Answer Options																	
Option A	Option B	Option C	Option D														
48N	8N	6N	40N														

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
8.	1_3 Science 6630	Motion and Measurement of Distances	A girl wanted to play on a seesaw with her little brother. Which picture shows the best way for the girl, who weighed 50 kg (kilograms), to balance her brother, who weighed 25 kg?		D		
Answer Options							
Option A		Option B		Option C		Option D	
							
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
9.	3_16 2361	MOTION AND MEASUREMENT OF DISTANCES	Arrange the following from the CLOSEST to the FURTHEST from the earth-	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">SUN</div> <div style="border: 1px solid black; padding: 2px 5px;">MOON</div> <div style="border: 1px solid black; padding: 2px 5px;">MARS</div> <div style="border: 1px solid black; padding: 2px 5px;">ANDROMEDA GALAXY</div> </div>	B		
Answer Options							
Option A		Option B		Option C		Option D	

		Sun, Moon, Mars, Andromeda Galaxy	Moon, Mars, Sun, Andromeda Galaxy	Sun, Moon, Andromeda Galaxy, Mars	Moon, Sun, Andromeda Galaxy, Mars	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
10.	3_16 2363	MOTION AND MEASUREMENT OF DISTANCES	What is the average length of these nails?			A
Answer Options						
		Option A	Option B	Option C	Option D	
		1.8 cm	1.4 cm	2.0 cm	1.5 cm	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
11.	3_16 2371	MOTION AND MEASUREMENT OF DISTANCES	How must Santa and Elf sit so that no side of the seesaw is unbalanced and they can enjoy playing on it?			D


		Answer Options			
		Option A	Option B	Option C	Option D
		Elf can move closer to the middle.	Santa can move further to the edge.	Elf can stand up and jump	Santa can move closer to the middle
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
12.	3_17 1466	MOTION AND MEASUREMENT OF DISTANCES	The moon revolves around the Earth. This causes		D
		Answer Options			
		Option A	Option B	Option C	Option D
		day and night to be formed	the moon to appear bright throughout the night	seasons to occur on the Earth	the moon's visible shape to change during the month
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
13.	3_17 1468	MOTION AND MEASUREMENT OF DISTANCES	Four friends want to see who among them can throw a Frisbee (flying disc) the farthest. Each of them gives a testing method which they feel would be a fair test. Sruti: Each one of us should throw the		A

same Frisbee."
 Krupa:"Each of us can throw different Frisbees but it should of the same size and shape."
 Padma:"Each of us can throw different Frisbees but it should look the same."
 Nivedita:"Each of us can throw different Frisbees but it should have the same weight."
 Whose is the BEST method to have a fair test? "

Answer Options			
Option A	Option B	Option C	Option D
Sruti	Krupa	Padma	Nivedita

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
14.	3_17 1469	MOTION AND MEASUREMENT OF DISTANCES	Three identical containers P, Q and R are taken, and kept - one on the terrace of a tall building; another on the terrace of a shorter building; and the third in an open space. After a rain, which one will have the highest level of water, assuming no overflow and no obstructions near the containers?		D

Answer Options			
Option A	Option B	Option C	Option D
P	Q	R	ALL THREE

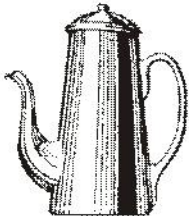
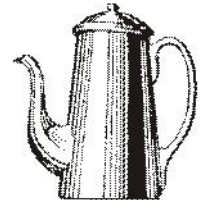
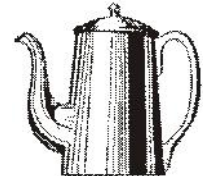
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	3_17 1476	MOTION AND MEASUREMENT OF DISTANCES	Which force is responsible for the fact that a stone thrown with a catapult finally falls back on the ground?		C												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>the force exerted by our muscles</td> <td>the force exerted by the stone</td> <td>the force exerted by the earth</td> <td>the force exerted by the catapult</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	the force exerted by our muscles	the force exerted by the stone	the force exerted by the earth	the force exerted by the catapult
Answer Options																	
Option A	Option B	Option C	Option D														
the force exerted by our muscles	the force exerted by the stone	the force exerted by the earth	the force exerted by the catapult														

QUESTION PAPER
SET- 22
SUBJECT : SCIENCE
GRADE : 6



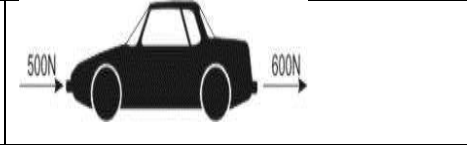
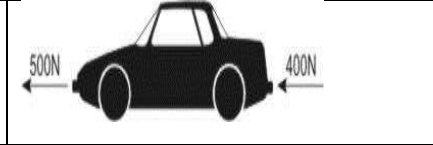


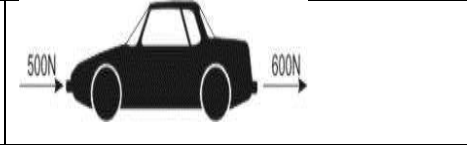
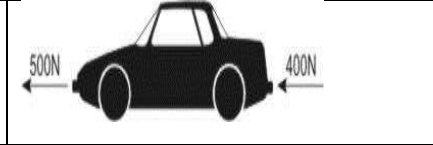


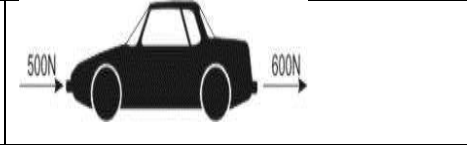
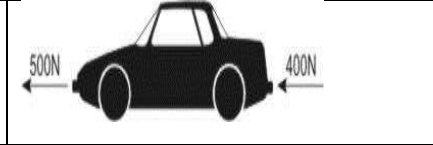
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	3_17 1477	MOTION AND MEASUREMENT OF DISTANCES	A large sheet of paper, a thick book and a heavy iron block are each dropped from a height of about 10 metres. In what order will they reach the ground? (The book is taped, so it does not open while falling.)		B
Answer Options					
		Option A	Option B	Option C	Option D
		The iron block, next the thick book, next the sheet of paper.	The iron block and thick book together, then the sheet of paper.	The sheet of paper first, then the thick book, then the iron block.	The thick book, next the iron block, next the sheet of paper.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
2.	3_15 3511	Motion and measurement of Distances	When you release a stone from a catapult, it falls to the ground due to the force exerted by_____.		C


Answer Options			
Option A	Option B	Option C	Option D
the muscles	the stone	the earth	the catapult

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
3.	3_15 3519	MOTION AND MEASUREMENT OF DISTANCES	Which of these kettles shown can hold the most water (all have the same base diameter)?		D

Answer Options			
Option A	Option B	Option C	Option D
 A	 B	 C	The amount of water each can hold is the same. D

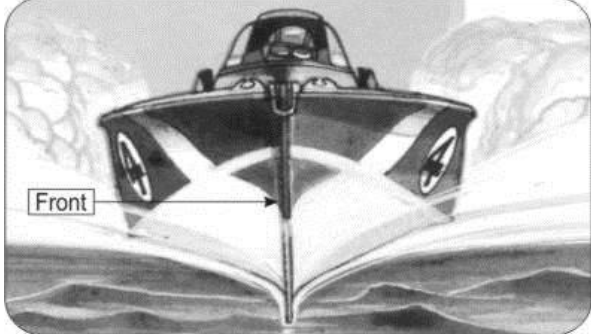
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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4.	4_24 10237	MOTION AND MEASUREMENT OF DISTANCES	In which of these cases will the car move forward?		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
Answer Options																	
Option A	Option B	Option C	Option D														
																	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
5.	4_24 10259	MOTION AND MEASUREMENT OF DISTANCES	If you're standing on the moon holding a pen, and you let it go, it will ?		C												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>float away.</td> <td>float where it is.</td> <td>fall to the ground.</td> <td>float towards the earth.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	float away.	float where it is.	fall to the ground.	float towards the earth.
Answer Options																	
Option A	Option B	Option C	Option D														
float away.	float where it is.	fall to the ground.	float towards the earth.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												


6.	4_24 10256	MOTION AND MEASUREMENT OF DISTANCES	The picture shows an adult giraffe eating the leaves of an acacia tree. Approximately how tall would this tree be?		B
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Answer Options			
Option A	Option B	Option C	Option D
2 metres	6 metres	20 metres	40 metres

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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7.	4_24 10248	MOTION AND MEASUREMENT OF DISTANCES	The part of the boat labeled 'Front' in the figure given below acts like a		A
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Answer Options			
Option A	Option B	Option C	Option D
wedge	lever	inclined plane	wheel and axle

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
8.	2_9 Science 6078	MOTION & MEASUREMENT OF DISTANCES	See the map of India shown in the figure. What is the approximate distance from New Delhi to Ahmedabad?		B												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>400km</td> <td>900km</td> <td>1300km</td> <td>1700km</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	400km	900km	1300km	1700km
Answer Options																	
Option A	Option B	Option C	Option D														
400km	900km	1300km	1700km														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
9.	1_3 Science 6666	MOTION & MEASUREMENT OF DISTANCES	The length of the shadow of an upright 1 metre scale is 60cm. At the same time, the length of the shadow of a tree was 4.8m. What is the height of the tree?		C												

		Answer Options					
		Option A	Option B	Option C	Option D		
		4.8 m	6m	8m	cannot be found using the information given		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)			Correct Answer (Option - A, B, C, D)
10.	1_3 Science 6680	MOTION & MEASUREMENT OF DISTANCES	For a scientific experiment, I need to accurately measure the length of a wooden stick. What should I do?				D
		Answer Options					
		Option A	Option B	Option C	Option D		
		I should take one measurement and use it.	I should take about 5 measurements which should all be exactly identical.	I should take about 5 measurements in which there may be slight variations. I should use the middle value (median).	I should take about 5 measurements in which there may be slight variations. I should use the average value.		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)			Correct Answer (Option - A, B, C, D)

11.	3_15 Science 3610	MOTION AND MEASUREMENT OF DISTANCES	How many Sq cm make 1 Sq m-----?		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		100	1,000	10,000	(the question is meaningless since cm ² and m ² measure different quantities)	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)	
12.	4_24 Science 10307	MOTION AND MEASUREMENT OF DISTANCES	For an average sized door, which of the following is closest to 1 metre?		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		Thickness	Width	Height	Surface area	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)	
13.	3_17 Science 1871	MOTION AND MEASUREMENT OF DISTANCES	A vessel has about 30 ml of water. Which of these will allow the volume to be measured most precisely?		B	

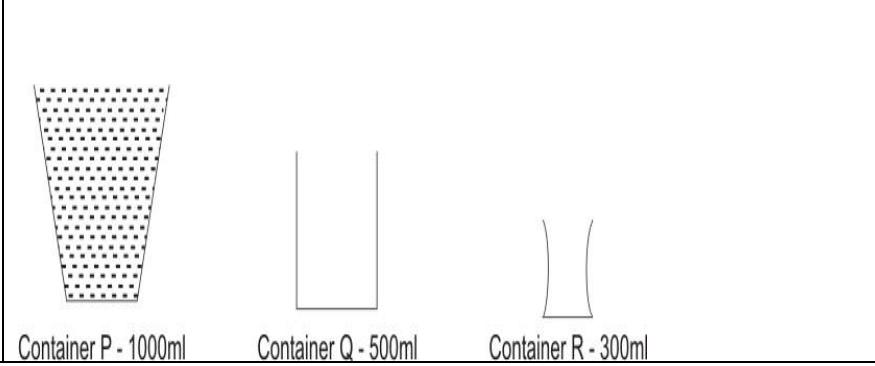
		Answer Options															
		Option A	Option B	Option C	Option D												
		A 100 ml graduated cylinder having 1 ml increments.	A 100 ml graduated cylinder having 0.5 ml increments.	A 50 ml graduated cylinder having 1 ml increments.	A 200 ml graduated cylinder graduated in 5 ml increments.												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	3_15 3529	MOTION AND MEASUREMENT OF DISTANCES	A rod can turn around the pin at its centre. Two strings are hooked to the rod. Mitul and Kirti pull on the strings with equal force in the directions shown. In which case will they make the rod turn?		D												
<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td> <p>A.</p>  </td> <td> <p>B.</p>  </td> <td> <p>C.</p>  </td> <td> <p>D.</p>  </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	<p>A.</p> 	<p>B.</p> 	<p>C.</p> 	<p>D.</p> 
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

15.

3_15
3531

MOTION AND
MEASUREMENT
OF DISTANCES

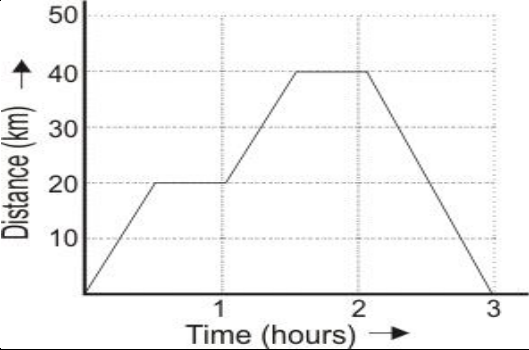
Containers P, Q and R have capacities of 1000 ml, 500 ml and 300 ml respectively. Container P has 1000 ml of water. Containers Q and R are empty. If from container P, 250 ml of water is transferred to each of the other containers Q and R, what will be the level of water in each of the containers?





D

Answer Options			
Option A	Option B	Option C	Option D
P half full, Q half full, R half full.	P quarter full, Q full, R full.	P empty, Q quarter full, R quarter full.	P half full, Q half full, R full.

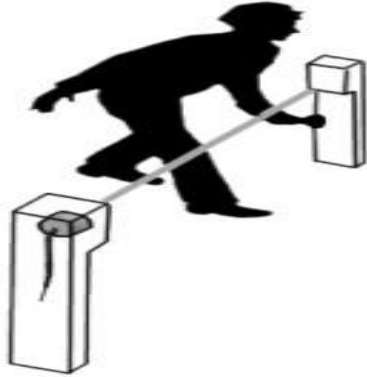
QUESTION PAPER
SET- 23
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	3_15 3532	Motion and measurement	The graph alongside shows the distance travelled by Sita in her car from 6pm to 9pm one evening. How many kilometres did Sita travel from 6pm to 9pm that evening?		D
Answer Options					
Option A		Option B		Option C	
20 km		40 km		60Km	
Option D					
80 km					
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

2.	3_15 3533	Motion and measurement	The heart of a 1 month old baby may beat up to (maximum) _____ times per minute	<table border="1"> <thead> <tr> <th colspan="3">Range of Heart Beat Rates and Average Heart Beat Rate for Various Ages</th> </tr> <tr> <th>Age</th> <th>Range</th> <th>Average Rate</th> </tr> </thead> <tbody> <tr> <td>0-1 month</td> <td>100-180</td> <td>NA</td> </tr> <tr> <td>2-3 months</td> <td>110-180</td> <td>NA</td> </tr> <tr> <td>4-12 months</td> <td>80-180</td> <td>NA</td> </tr> <tr> <td>1-3 years</td> <td>80-160</td> <td>(130)</td> </tr> <tr> <td>4-5 years</td> <td>80-120</td> <td>(100)</td> </tr> <tr> <td>6-8 years</td> <td>70-115</td> <td>(100)</td> </tr> <tr> <td>9-11 years</td> <td>60-110</td> <td>(88)</td> </tr> <tr> <td>12-16 years</td> <td>60-110</td> <td>(80)</td> </tr> <tr> <td>>16 years</td> <td>50-90</td> <td>(70)</td> </tr> </tbody> </table> <p><small>* All heart beat rates in beats per minute * NA - Not Available</small></p>	Range of Heart Beat Rates and Average Heart Beat Rate for Various Ages			Age	Range	Average Rate	0-1 month	100-180	NA	2-3 months	110-180	NA	4-12 months	80-180	NA	1-3 years	80-160	(130)	4-5 years	80-120	(100)	6-8 years	70-115	(100)	9-11 years	60-110	(88)	12-16 years	60-110	(80)	>16 years	50-90	(70)	D
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3.	3_15 3534	Motion and measurement	From the table, we learn that from birth our heart beat rate _____	<table border="1"> <thead> <tr> <th colspan="3">Range of Heart Beat Rates and Average Heart Beat Rate for Various Ages</th> </tr> <tr> <th>Age</th> <th>Range</th> <th>Average Rate</th> </tr> </thead> <tbody> <tr> <td>0-1 month</td> <td>100-180</td> <td>NA</td> </tr> <tr> <td>2-3 months</td> <td>110-180</td> <td>NA</td> </tr> <tr> <td>4-12 months</td> <td>80-180</td> <td>NA</td> </tr> <tr> <td>1-3 years</td> <td>80-160</td> <td>(130)</td> </tr> <tr> <td>4-5 years</td> <td>80-120</td> <td>(100)</td> </tr> <tr> <td>6-8 years</td> <td>70-115</td> <td>(100)</td> </tr> <tr> <td>9-11 years</td> <td>60-110</td> <td>(88)</td> </tr> <tr> <td>12-16 years</td> <td>60-110</td> <td>(80)</td> </tr> <tr> <td>>16 years</td> <td>50-90</td> <td>(70)</td> </tr> </tbody> </table> <p>* All heart beat rates in beats per minute * NA - Not Available</p>	Range of Heart Beat Rates and Average Heart Beat Rate for Various Ages			Age	Range	Average Rate	0-1 month	100-180	NA	2-3 months	110-180	NA	4-12 months	80-180	NA	1-3 years	80-160	(130)	4-5 years	80-120	(100)	6-8 years	70-115	(100)	9-11 years	60-110	(88)	12-16 years	60-110	(80)	>16 years	50-90	(70)	A
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)																																	
4.	3_15 3535	Motion and measurement	Saroja dropped two papers, P and Q of the same size as shown in the figure from the same height. She recorded the time taken by the papers to reach the ground. Which of the following times recorded could be correct?	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Paper P (new, uncrumpled)</p> </div> <div style="text-align: center;">  <p>Paper Q (crumpled)</p> </div> <div style="margin-left: 20px;"> <table border="1"> <thead> <tr> <th colspan="3">(Time in seconds)</th> </tr> <tr> <th></th> <th>P</th> <th>Q</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>15</td> <td>15</td> </tr> <tr> <td>B</td> <td>5</td> <td>5</td> </tr> <tr> <td>C</td> <td>5</td> <td>15</td> </tr> <tr> <td>D</td> <td>15</td> <td>5</td> </tr> </tbody> </table> </div> </div>	(Time in seconds)				P	Q	A	15	15	B	5	5	C	5	15	D	15	5	D															
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C	5	15																																				
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		Answer Options			
		Option A	Option B	Option C	Option D
		A	B	C	D
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
5.	3_17 1453	Light,Shadows and Reflections.	If the sun, the moon and the earth are in an arrangement as shown here. Which of these would be the view seen from a place P on the earth?		B
		Answer Options			
		Option A	Option B	Option C	Option D
		<p>Full moon A.</p>	<p>Solar eclipse B.</p>	<p>Lunar eclipse C.</p>	<p>Sunrise D.</p>
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

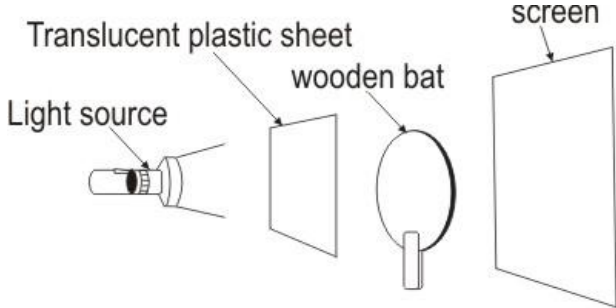

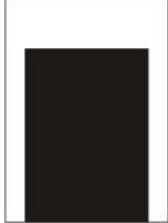
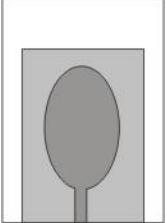
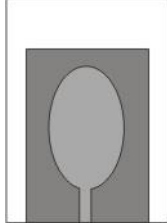

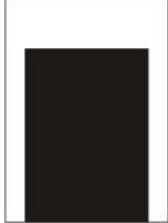
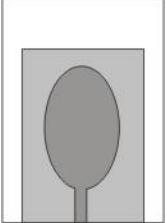
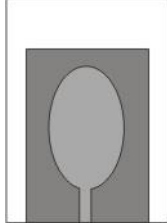

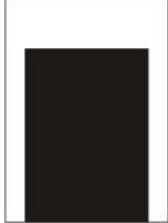
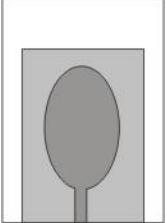
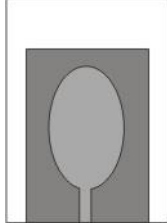
6.	4_23 8999	Light shadows and reflection	The figure here shows a burglar alarm which uses infra-red light to help detect a burglar. Which of these correctly describes how?		B
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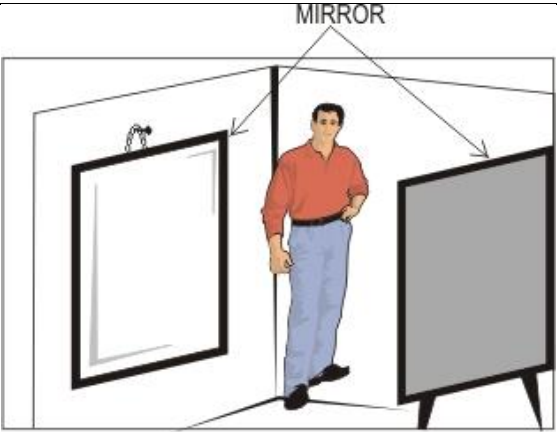
Answer Options			
Option A	Option B	Option C	Option D
A beam of bright light across the poles makes the burglar visible.	An invisible beam will be blocked from reaching the other end.	Any person walking between the poles would get an electric shock.	The beam creates a force field that cannot be crossed at all.


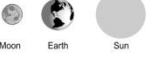
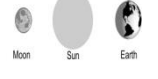

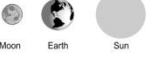
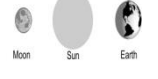

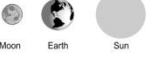
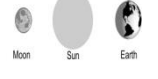
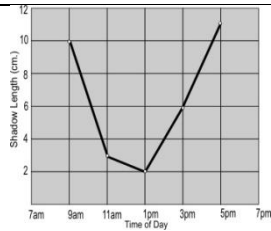
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
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7.	4_23 8993	Light shadows and reflections	When light falls on a body, three things can happen to it. Light can be reflected, absorbed or transmitted. If almost all the light that falls on an object is transmitted then the object is likely to be a/an		C
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Answer Options			
Option A	Option B	Option C	Option D
small mirror	card board piece	piece of glass	oil paper

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
8.	3_17 1493	Light Shadow and reflection	Light from a torch is shone onto a translucent plastic sheet and a table tennis bat as shown. Which of the following images will be seen on the screen?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" data-bbox="443 662 2096 710">Answer Options</th> </tr> <tr> <th data-bbox="443 710 779 758">Option A</th> <th data-bbox="779 710 1173 758">Option B</th> <th data-bbox="1173 710 1666 758">Option C</th> <th data-bbox="1666 710 2096 758">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="443 758 779 1069" style="text-align: center;">  A. </td> <td data-bbox="779 758 1173 1069" style="text-align: center;">  B. </td> <td data-bbox="1173 758 1666 1069" style="text-align: center;">  C. </td> <td data-bbox="1666 758 2096 1069" style="text-align: center;">  D. </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	 A.	 B.	 C.	 D.
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 A.	 B.	 C.	 D.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

9.	3_15 3509	Light shadows and reflections	Anil enters the trial room of a shop to try on the jeans he wants to purchase. He finds that he is in between two parallel mirrors facing each other. How many images of himself does he see?		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>one</td> <td>two</td> <td>four</td> <td>more than ten</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	one	two	four	more than ten
Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
10.	1_3 Science 7284	Light,Shadows and Reflections	Which of these is OPAQUE?		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>cooking oil</td> <td>a mirror</td> <td>spectacles</td> <td>river water</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	cooking oil	a mirror	spectacles	river water
Answer Options																	
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

11.	1_3 Science 6623	Light,Shadows and Reflections	Which among the given arrangements represent the formation of a SOLAR ECLIPSE?		A												
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>  <p>A</p> </td> <td>  <p>B</p> </td> <td>  <p>C</p> </td> <td>None of the above</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	 <p>A</p>	 <p>B</p>	 <p>C</p>	None of the above
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S.N	Folder Number & Questio n Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
12.	1_3 Science 6625	Light,Shadows and Reflections	Ramesh has noted the length of the shadow of a stick at different times of the day and drawn this graph. Answer the question using this graph. Which among the following is the correct statement?		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>The length of the shadow increases from morning to evening.</td> <td>The length of the shadow decreases from morning to evening.</td> <td>The length of the shadow remains the same throughout the day.</td> <td>The length of the shadow first decreases and then increases again.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The length of the shadow increases from morning to evening.	The length of the shadow decreases from morning to evening.	The length of the shadow remains the same throughout the day.	The length of the shadow first decreases and then increases again.
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Option A	Option B	Option C	Option D														
The length of the shadow increases from morning to evening.	The length of the shadow decreases from morning to evening.	The length of the shadow remains the same throughout the day.	The length of the shadow first decreases and then increases again.														
S.N	Folder Number & Questio	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C,												

	n Code				D)												
13.	1_3 Science 6626	Light,Shadows and Reflections	Ramesh has noted the length of the shadow of a stick at different times of the day and drawn this graph. Answer the question using this graph. The shadow length was not noted at 4pm. At 4pm it would have been closest to which of these?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="padding: 5px;">Answer Options</th> </tr> <tr> <th style="width: 25%; padding: 5px;">Option A</th> <th style="width: 25%; padding: 5px;">Option B</th> <th style="width: 25%; padding: 5px;">Option C</th> <th style="width: 25%; padding: 5px;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">4 Cm</td> <td style="text-align: center; padding: 5px;">5 Cm</td> <td style="text-align: center; padding: 5px;">9 Cm</td> <td style="text-align: center; padding: 5px;">13 Cm</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	4 Cm	5 Cm	9 Cm	13 Cm
Answer Options																	
Option A	Option B	Option C	Option D														
4 Cm	5 Cm	9 Cm	13 Cm														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
14.	1_3 Science 6639	Light,Shadows and Reflections.	The shadow of a tree at night due to a suspended light P is shown below. How will the length of the shadow change if bigger lights Q or R are used instead of P but in the same position?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="padding: 5px;">Answer Options</th> </tr> <tr> <th style="width: 25%; padding: 5px;">Option A</th> <th style="width: 25%; padding: 5px;">Option B</th> <th style="width: 25%; padding: 5px;">Option C</th> <th style="width: 25%; padding: 5px;">Option D</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">The shadow will be longer.</td> <td style="padding: 5px;">The shadow will be shorter.</td> <td style="padding: 5px;">The shadow length will not change.</td> <td style="padding: 5px;">The shadow shape and orientation themselves will change.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The shadow will be longer.	The shadow will be shorter.	The shadow length will not change.	The shadow shape and orientation themselves will change.
Answer Options																	
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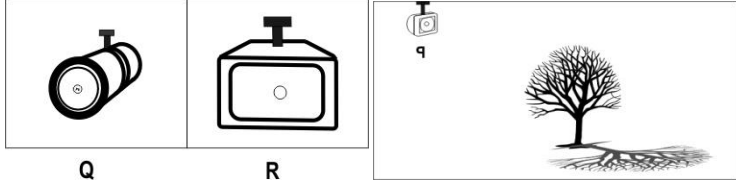
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	2_9 Science 6004	Light,Shadows and Reflections.	Sachin is having his food while sitting in front of a plane mirror. If Sachin eats with his right hand, his reflection in the mirror eats with		B												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="441 523 2069 568">Answer Options</th> </tr> <tr> <th data-bbox="441 568 799 612">Option A</th> <th data-bbox="799 568 1144 612">Option B</th> <th data-bbox="1144 568 1588 612">Option C</th> <th data-bbox="1588 568 2069 612">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="441 612 799 732">his left hand which is of the same size as Sachin's left hand.</td> <td data-bbox="799 612 1144 732">his left hand which is of the same size as Sachin's right hand.</td> <td data-bbox="1144 612 1588 732">his right hand which is of the same size as Sachin's right hand.</td> <td data-bbox="1588 612 2069 732">his right hand which is larger in size than Sachin's right hand.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	his left hand which is of the same size as Sachin's left hand.	his left hand which is of the same size as Sachin's right hand.	his right hand which is of the same size as Sachin's right hand.	his right hand which is larger in size than Sachin's right hand.
Answer Options																	
Option A	Option B	Option C	Option D														
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QUESTION PAPER
SET- 24
SUBJECT : SCIENCE
GRADE : 6

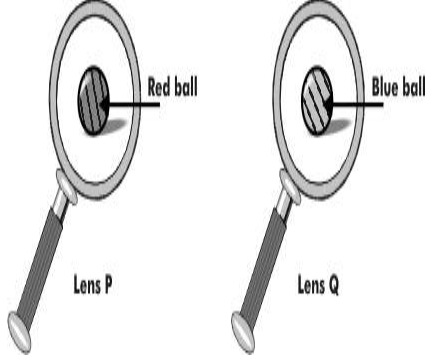
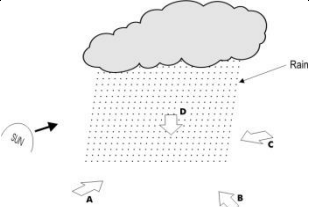
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
1.	2_9 Science 6012	Light,Shadows and Reflections.	The pattern of stars we see in the night from a given place.		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						changes throughout the night with every passing hour.	stays same through the night, but changes every night.	stays almost the same night to night, but changes every year.	hardly changes, stays almost the same over many years.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)				
2.	2_9 Science 4925	Light,Shadows and Reflections.	Which of these number plates will still show a valid number when seen in a mirror?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						308 I	290 I	80 I I	3663

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
3.	2_9 Science 6022	Light,Shadows and Reflections.	The moon looks larger when it is near the horizon and smaller when it is overhead. Why is this?		D

Answer Options			
Option A	Option B	Option C	Option D
The moon is farther when it is overhead.	The moon changes its size as it moves.	The atmosphere creates a lens-like effect.	The size difference is simply an optical illusion.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
4.	2_9 Science 4938	Light,Shadows and Reflections.	The shadow of a tree at night due to a suspended light P is shown below. How will the length of the shadow change if bigger lights Q or R are used instead of P but in the same position?		C

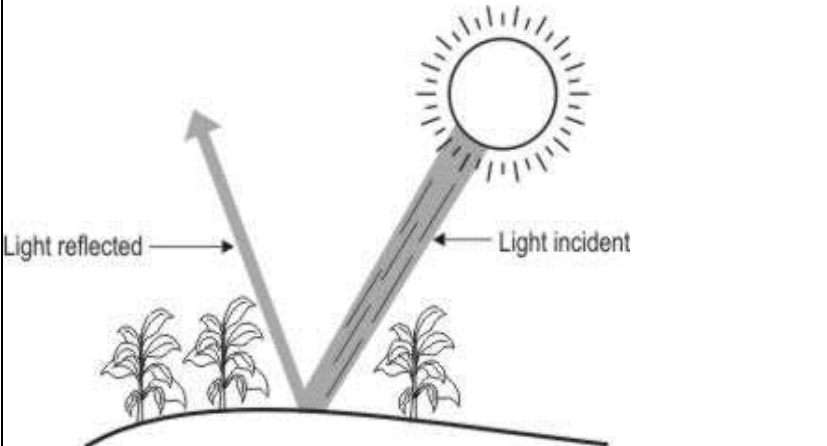
Answer Options			
Option A	Option B	Option C	Option D
The shadow will be longer.	The shadow will be shorter.	The shadow length will not change.	The shadow shape and orientation themselves will change.



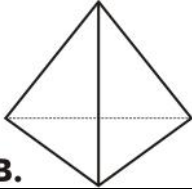
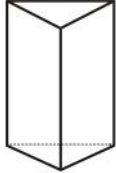
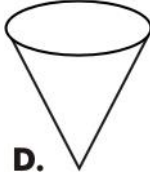
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
5.	2_9 Science 6034	Light, Shadows and Reflections.	Two balls, one red and one blue, are seen by Hamid through two lenses P and Q respectively. Lens P magnifies the object seen through it to DOUBLE, while lens Q makes it look HALF its original size. What can we conclude from the picture shown?		D												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>The red ball is twice as big as the blue ball.</td> <td>The red ball is half the size of the blue ball.</td> <td>The red ball is the same size as that of the blue ball.</td> <td>The red ball is one-fourth the size of the blue ball.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The red ball is twice as big as the blue ball.	The red ball is half the size of the blue ball.	The red ball is the same size as that of the blue ball.	The red ball is one-fourth the size of the blue ball.
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Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
6.	2_9 Science 6036	Light, Shadows and Reflections.	Observe this figure carefully. From which of the positions shown below will a person see a rainbow?		A												

		Answer Options															
		Option A	Option B	Option C	Option D												
		A	B	C	D												
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
7.	2_9 Science 4139	Light,Shadows and Reflections.	A shiny, opaque glass containing stones is placed inside a larger jar containing some water as shown. Then a dry plastic sheet is tied around the mouth of the jar, which is placed out in the sun on a hot summer day . What will happen?		A												
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>The stones will become wet.</td> <td>There will be water outside the plastic sheet</td> <td>The water level in the larger container will increase.</td> <td>There will be no change.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	The stones will become wet.	There will be water outside the plastic sheet	The water level in the larger container will increase.	There will be no change.
Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

8.	4_24 10218	LIGHT SHADOW AND REFLECTION	We cannot see a Full Moon every night because		D
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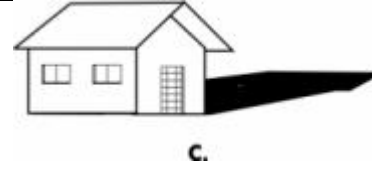
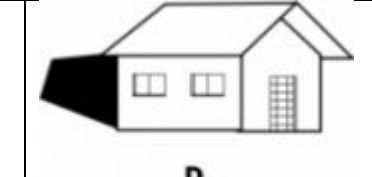
Answer Options			
Option A	Option B	Option C	Option D
the shadow of the Earth falls on part of the Moon.	the shadow of the Earth falls on part of the Moon.	the other planets block the sunlight from reaching the Moon.	the light from the Sun falls only on part of the Moon.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
9.	4_24 10229	LIGHT ,SHADOW AND REFLECTION	The albedo is a measure of reflectivity of a surface. It is the ratio of the amount of light reflected to the amount incident upon it. The albedo of a perfectly black object is 0 and that of a perfectly white object is 1. A substance is found to have an albedo of around 9 or 90%. Which of these could it be?		B


		Answer Options			
		Option A	Option B	Option C	Option D
		a piece of wood	fresh snow	charcoal	a brightly-coloured butterfly
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
10.	3_15 3525	Light shadows and refecton	Which of these objects can make both the shadows above?		D
		Answer Options			
		Option A	Option B	Option C	Option D
		A. 	B. 	C. 	D. 
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
11.	1_3 Science 6576	Light, Shadows and Reflections	Which of these statements is true about the SHADOW of any object?		B

		Answer Options			
		Option A	Option B	Option C	Option D
		The shadow cannot be larger than the object itself.	The shadow cannot lie between the object and the source of light causing it.	The shadow always forms on a flat surface.	The larger the size of the source of light, the larger the shadow.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
12.	1_3 Science 7251	Light, Shadows and Reflections	The windows shown in the figure face the west. Which of the following correctly shows the position of the shadow in the morning?		A

Answer Options			
Option A	Option B	Option C	Option D
 A.	 B.	 C.	 D.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
	1_3 Science	Light, shadows and reflections	Which of the following is a source of light?		C

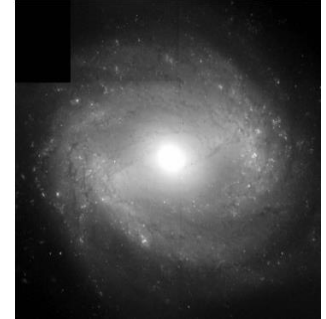
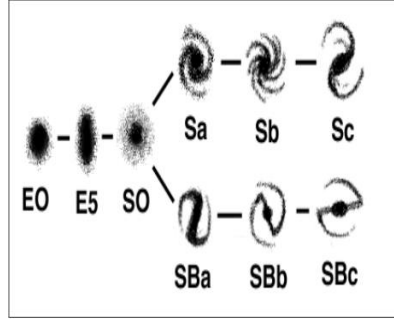
13.	7254	<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>the Earth</td> <td>a planet</td> <td>a star</td> <td>the Moon</td> </tr> </table>				Answer Options				Option A	Option B	Option C	Option D	the Earth	a planet	a star	the Moon	
Answer Options																		
Option A	Option B	Option C	Option D															
the Earth	a planet	a star	the Moon															
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)													
14.	1_3 Science 7255	Light, shadows and reflections	Shown here is a CONSTELLATION called Orion. What is a constellation?		B													
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>A group of stars which are close to each other.</td> <td>A group of stars which form a pattern when seen from the earth.</td> <td>A group of stars at the same distance from the earth.</td> <td>A solar system consisting of a star and many planets</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	A group of stars which are close to each other.	A group of stars which form a pattern when seen from the earth.	A group of stars at the same distance from the earth.	A solar system consisting of a star and many planets	
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)													

15.

**1_3
Science
7287**

**Light, shadows
and reflections**

Galaxies have been classified by Edwin Hubble as shown on the figure on the left. Identify to which classification the galaxy shown above belongs.

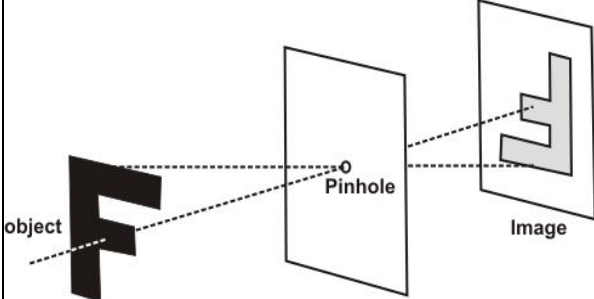


A

Answer Options





Option A	Option B	Option C	Option D
SO	SBa	SBc	Sc

QUESTION PAPER
SET- 25
SUBJECT : SCIENCE
GRADE : 6

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)			
1.	1_3 Science 7294	Light, shadows and reflections	August 11, 1999 was a bright, clear day. But in the evening in the town of Dholka in western India, it gradually became very dark for a few minutes and then became bright again. What could have caused this incident?		c			
					Answer Options			
					Option A A comet	Option B A lunar eclipse	Option C A solar eclipse	Option D A power cut
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)			
2.	3_16 2368	LIGHT, SHADOWS AND REFLECTIONS	The image formed by a pin hole camera is inverted because		A			

		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>light travels in straight lines through the hole.</td> <td>light gets diffused as it passes through the hole.</td> <td>light gets refracted as it passes through the hole.</td> <td>light gets laterally inverted as it passes through the hole.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	light travels in straight lines through the hole.	light gets diffused as it passes through the hole.	light gets refracted as it passes through the hole.	light gets laterally inverted as it passes through the hole.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	3_16 2373	LIGHT, SHADOWS AND REFLECTIONS	On Monday afternoon, Arun has keyboard practice session in his school auditorium. He crosses his school playground and enters the cool and dark auditorium. Initially he is unable to see anything. But after sometime he is able to make out the way between the rows of seats. During this time, in his eyes _____.		B												
		<table border="1"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>the pupil gets smaller</td> <td>the pupil gets larger</td> <td>the cornea gets smaller</td> <td>the cornea gets larger</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	the pupil gets smaller	the pupil gets larger	the cornea gets smaller	the cornea gets larger
Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												

4.	3_15 3523	Light shadows and reflections	Light travels at the speed of 3,00,000 km per second. Light from the sun reaches us in 8 minutes. If a supersonic jet were to travel from the sun at the speed of 1000 km per hour, approximately how long would it take to travel the same distance?		C												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>3 months</td> <td>5 years</td> <td>17 years</td> <td>221 years</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	3 months	5 years	17 years	221 years
Answer Options																	
Option A	Option B	Option C	Option D														
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
5.	3_15 3524	Light shadows and reflections	The position of the sun in the sky at 3pm in the afternoon _____.		C												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> <tr> <td>will be exactly the same throughout the year as well as across years.</td> <td>will differ by a small amount through the year as well as on the same day across years.</td> <td>will be noticeably different through the year, but the same across years on a given day.</td> <td>will be different through the year and also different on the same day across years.</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	will be exactly the same throughout the year as well as across years.	will differ by a small amount through the year as well as on the same day across years.	will be noticeably different through the year, but the same across years on a given day.	will be different through the year and also different on the same day across years.
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
6.	4_24 10240	LIGHT, SHADOW AND REFLECTION	Which of these correctly shows what a pencil placed in a beaker of water will look like? (The eye is at the level of the water)		B
Answer Options					
		Option A	Option B	Option C	Option D
					
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
7.	4_24 10243	LIGHT ,SHADOW AND REFLECTION	Which of these number plates will still show a valid number when seen in a mirror?		B
Answer Options					
		Option A	Option B	Option C	Option D

6633

1108

9204

7801

S.N

Folder
Number
&
Question
Code

Topic

Question With Answers
Options

Image (If Any)

Correct
Answer
(Option
- A, B, C,
D)

8.

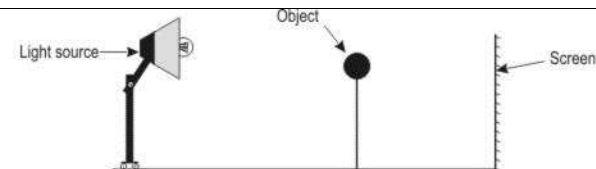
4_24
10245LIGHT, SHADOW
AND REFLECTION

Shruti conducted an experiment using a light source, object and screen. The set up and data she collected are shown below. Study them carefully and answer the question.

Which of these could be the correct values

	X (cm)	Y (cm)
A	55	28.0
B	60	25.6
C	60	22.4
D	65	26.0

of X and Y?



Distance of the light from the screen	Distance from the object to the screen	Distance from the light to the object	Size of the shadow
80 cm	30 cm	50 cm	28.8 cm
90 cm	30 cm	X	27.2 cm
100 cm	30 cm	70 cm	Y
120 cm	30 cm	90 cm	24.0 cm

C

Answer Options

Option A

Option B

Option C

Option D

A

B

C

D

S.N

Folder
Number
&
Question
Code

Topic

Question With Answers
Options

Image (If Any)

Correct
Answer
(Option
- A, B, C,
D)

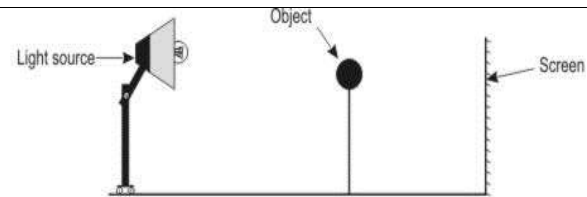
9.

4_24
10246LIGHT, SHADOW
AND REFLECTION

Which of the following was NOT kept constant by Shruti?

Shruti conducted an experiment using a light source, object and screen. The set up and data she collected are shown below. Study them carefully and answer the question.

D

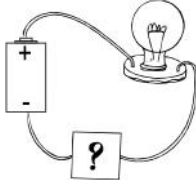


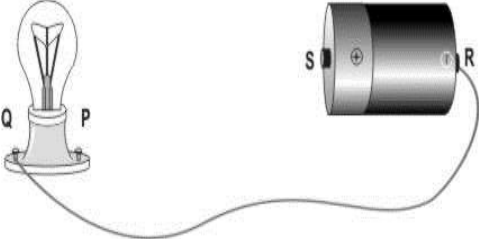
Distance of the light from the screen	Distance from the object to the screen	Distance from the light to the object	Size of the shadow
80 cm	30 cm	50 cm	28.8 cm
90 cm	30 cm	X	27.2 cm
100 cm	30 cm	70 cm	Y
120 cm	30 cm	90 cm	24.0 cm

Answer Options

Option A	Option B	Option C	Option D
the size of the object	the nature of the light source	the distance from the object to the screen	the distance from the light source to the object

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)								
10.	3_15 3500	Electricity and circuits	An energy form NOT commonly used in households is_____.		B								
<p>Answer Options</p> <table border="1"> <thead> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>chemical</td> <td>nuclear</td> <td>heat</td> <td>Electrical</td> </tr> </tbody> </table>						Option A	Option B	Option C	Option D	chemical	nuclear	heat	Electrical
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11.	1_3 Science 6614	Electricity and circuits	In the simple electric circuit shown, the light will glow when <input type="checkbox"/> in the picture corresponds to		A
Answer Options					
Option A		Option B		Option C	
copper		rubber		cork	
Option D		Option B		Option D	
plastic		rubber		plastic	
12.	3_15 3504	Electricity and circuits	The voltage generated by a regular pencil cell is about _____.		A
Answer Options					
Option A		Option B		Option C	
1.5 Volts		50 Volts		100 Volts	
Option D		Option B		Option D	
220 Volts		50 Volts		220 Volts	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)

13.	3_17 1488	ELECRCITY AND CIRCUIT	Kamini's store room has only one electric bulb and she finds it a little dark. She wants to fit an extra bulb. Her husband John suggests that he will instead fit more mirrors on the walls of the store room. Will John's idea work?		B												
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14.	4_24 10222	ELECRCITY AND CIRCUITS	Look at the figure given below. In order for the bulb to glow, a piece of wire has to connect?		C												
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	4_25 11827	ELECTRICITY AND CIRCUIT	During a power cut, lights, fans, televisions and other electrical devices stop functioning, but most telephones continue to work. Why is that?		C												
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