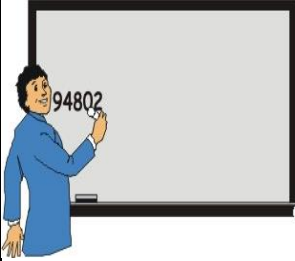


Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
1	3_19 Mathematics 2711	Integers Chapter 1	A school has 3068 students. What is the strength of the school rounded to the nearest 10, 100 and 1000?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
3060, 3070 and 3000 respectively	3070, 3000 and 3000 respectively	3070, 3100 and 3000 respectively	3070, 3100 and 4000 respectively						

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
2	3_19 Mathematics 2721	Integers Chapter 1	Any number that is a multiple of 3, 5 and 6, must DEFINITELY be divisible by		C				
						Answer Options			
						Option A	Option B	Option C	Option D
8	14	30	90						

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
3	3_19 Mathematics	Integers Chapter 1	Mili's teacher writes the number 94802 on the board. He then asks Mili to come and change just ONE digit in the number so that there is maximum possible increase in the value of the number. (The number should remain a 5-digit number).What change should Mili make in the number?		D
Answer Options					
		Option A	Option B	Option C	Option D
2708		Change 0 to 9	Change 8 to 9	Change 4 to 5	Change 4 to 9

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
4	3_19 Mathematics 2690	INTEGERS Chapter 1	313 subtracted from -303 gives		D
Answer Options					
		Option A	Option B	Option C	Option D
		616	10	-10	-616

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
5	3_19 Mathematics 2698	INTEGERS Chapter 1	If you add two odd prime numbers, the resulting number will be		D				
						Answer Options			
						Option A	Option B	Option C	Option D
an odd prime number	an odd composite number	an even prime number	an even composite number						

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
6	3_19 Mathematics 2703	INTEGERS Chapter 1	Which of the following CANNOT be positive?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
The product of two negative numbers	The sum of two negative numbers	The difference of two negative numbers	The sum of a positive number and a negative number						

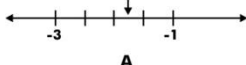
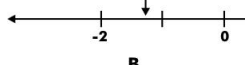
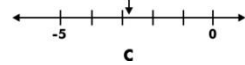
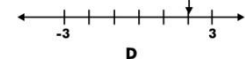
Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
7	3_19 Mathematics 2704	INTEGERS Chapter 1	Which pointer is the best estimate for the position of the product 4×0.230849 on the number line?		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						A	B	C	D

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
8	1_2 Mathematics 6850	Integers Chapter 1	The smallest 5 digit number with no digit repeated is		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						10000	9999	12340	10234
9	1_2 Mathematics 6851	Integers Chapter 1	123450 is NOT divisible by:		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						Option A	Option B	Option C	Option D

		2	3	9	15		
10	1_2 Mathematics 6856	Integers Chapter 1	Rani was given 3 number cards 1, 2 and 6 and asked to form a 3-digit prime number by arranging the cards in any order, if possible.	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">6</div> </div>		D	
			The cards she got were: In which way should Rani arrange the cards?				
		Answer Options					
		Option A	Option B	Option C	Option D		
162	261	621	It is not possible for Rani to make a prime number.				

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)
11	1_2 Mathematics 6865	Integers Chapter 1	Four children Ratan, Ravi, Reshma, and Rahul were each asked to choose a number between -10 and 10. The numbers chosen were -9, -5, -2 and 7.		A
			The number that Ravi chooses was equal to the sum of Ratan's number and Reshma's number. Reshma's number was greater than Ravi's number. What was Ratan's number?		
			Answer Options		
Option A	Option B	Option C	Option D		

			-9	-5	-2	7			
12	1_4 Mathematics 7535	Integers Chapter 1	Which of the following numbers will decrease by 300 when the 7 in it is replaced by a 4?			C			
			Answer Options						
			Option A	Option B	Option C	Option D			
			3079	4637	5743	7340			
13	1_4 Mathematics 7538	Integers Chapter 1	3 - 5 + 5 - 3 - 3 - 1 is equal to			C			
			Answer Options						
			Option A	Option B	Option C	Option D			
			2	0	-4	-14			

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
14	1_4 Mathematics 7539	Integers Chapter 1	In which number line does the pointer show a number between -2 and -3?		C				
				Answer Options					
				Option A		Option B	Option C	Option D	
									

15	1_4 Mathematics	Integers Chapter 1	If the sum of three integers is a negative integer, we can say WITH CERTAINTY that			D
		Answer Options				
	7545	Option A	Option B	Option C	Option D	
		all the three integers are equal.	two of the three integers are positive and one is negative.	one of the three integers is positive and two are negative.	at least one of the three integers is negative.	

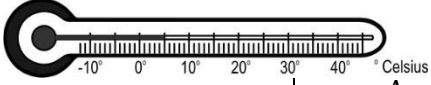
1	1_4 Mathematics	Integers Chapter 1	$2 + 3 (7 - 1) \div 3$ equals			A
	7551	Answer Options				
		Option A	Option B	Option C	Option D	
		8	10	6	7	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)	
2	1_4 Mathematics	Integers Chapter 1	How many different digits can replace * in the number 204*73 so that the resulting number is divisible by 3?		C	
	7559	Answer Options				
		Option A	Option B	Option C	Option D	
		One	Two	Three	any digit, the number will always be divisible by 3.	
3	1_2 Mathematics	Integers Chapter 1	Which of the following is equal to 1?		C	
	6854	Answer Options				
		Option A	Option B	Option C	Option D	
		$(7 - 1) + 3 \div 9$	$(3 + 4) \div 1 - 2 \div (8 + 6)$	$\{ (10 - 3) - 1 \} \div 6$	$2 \times 3 - 5 \times 5 + 4$	

4	1_2 Mathematics 6874	Integers Chapter 1	A teacher challenges his class 7 students to try and 'invent' a divisibility test for 12. After discussing among themselves, the class comes up with 4 different answers, which are given below. Only one of them is correct. Which of these is a divisibility test for 12?				B
			Answer Options				
			Option A	Option B	Option C	Option D	
			The number should pass the divisibility tests for 2 and 6.	The number should pass the divisibility tests for 3 and 4.	The number should pass the divisibility tests for 2 and 10.	There is no divisibility test for 12.	

5	1_4 Mathematics 7556	Integers Chapter 1	$w = (-3) \cdot (-9)$, $x = 3 + (-9)$, $y = -3 \times 9$, $z = -3 + 9$ If these are arranged in decreasing order of values, the correct sequence would be				A
			Answer Options				
			Option A	Option B	Option C	Option D	
			w, z, x, y	w, y, z, x	z, x, y, w	w, z, y, x	

6	1_4 Mathe matics 7558	Integers Chapter 1	Anu copied down a simplification question as: $7 - 8 - 2 + 6 \div 2$.			D		
			There were some brackets in the question which she missed. Yet, Anu's answer finally turned out to be correct as 0. Which of the following could have been the correct position of the brackets in the question?					
			Answer Options					
			Option A	Option B			Option C	Option D
			$(7 - 8) - (2 + 6 \div 2)$	$7 - (8 - 2) + (6 \div 2)$	$(7 - 8) - (2 + 6) \div 2$	$(7 - 8) - 2 + (6 \div 2)$		

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)	
7	1_2 Mathem atics 6853	Integers Chapter 1	This is what the thermometer showed on a certain day in Moscow.			A
			By evening, the temperature had fallen by 2 degree;			
			By midnight, it had fallen 4 degree Celsius further.			
			Answer Options			
			Option A	Option B	Option C	Option D

SET 2 Mathematics Class VII

		-1 degree Celsius	0 degree Celsius	1 degree Celsius	-2 degree Celsius	
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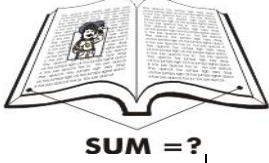
8	2_10 Mathematics 5805	Integers Chapter 1	(-4) x (5) x (-7) x (-5) x (-9) = ?				D
			Answer Options				
			Option A	Option B	Option C	Option D	
			-20	20	- 6300	6300	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)		
9	2_10 Mathematics 5809	Integers Chapter 1	-9 subtracted from -8 equals		B		
			Answer Options				
			Option A	Option B		Option C	Option D
			-1	1		-17	17

10	2_10 Mathe matics 5822	Integers Chapter 1	Which of the following has the greatest value?		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		$(-1000) \div 10$	$(-100) \div 100$	$(-10) \div (-100)$	$100 \div (-10)$	
11	2_10 Mathe matics 5826	Integers Chapter 1	$3 \times 3 - \{3 - (3 + 3) \div 3\}$ is		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		6	8	10	12	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)	
12	3_18 Mathematics 3305	Integers Chapter 1	-7 - 3 + 2 equals		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		-12	-8	-2	12	

13	3_18 Mathematics 3323	Integers Chapter 1	The water level of a river in May was 30 cm below the 'normal' mark. After the rains, the level of water went up by 25 cm. If the water level in May is written as '-30', the level after the rains would be		A	
		Answer Options				
		Option A	Option B	Option C	Option D	
		-5	-55	5	55	

14	3_18 Mathematics 3338	Integers	A book is lying open			B	
		Chapter 1	Which of the following could be the sum of the page numbers of the two facing pages?				
		Answer Options					
		Option A	Option B	Option C	Option D		
100	101	102	Any of these				

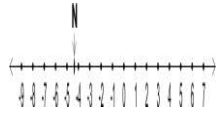
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)		
15	1_4 Mathematics 7544	Integers	Mr. Rao buys a flat which costs Rs. 4.25 lakh. Of this, he has already paid Rs. 2,50,000. How much more does he have to pay?		D		
		Chapter 1					
		Answer Options					
		Option A	Option B	Option C	Option D		
Rs. 4 lakh	Rs. 2.25 lakh	Rs. 2.75 lakh	Rs. 1.75 lakh				

1	1_4 Mathematics 7565	Integers Chapter 1	72, 81, 90, 99, is a series of numbers following a certain pattern. Which of the following numbers will be in this series?		D
		Answer Options			
		Option A	Option B	Option C	Option D
		336	409	600	783

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer
2	5_27 Mathematics 8346	INTEGERS Chapter 1	A submarine was situated 325 metres below sea level. If it ascends 150 metres, what is its new position?		D
		Answer Options			
		Option A	Option B	Option C	Option D
		475 metres below sea level	375 metres below sea level	275 metres below sea level	175 metres below sea level

SET 3 Mathematics ClassVII

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
3	5_27 Mathematics 8352	Integers Chapter 1	What is the value of the expression $12 - 6 + 6 \div 2 - (-13 + 7)$?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						-3	6	9	15

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
4	5_27 Mathematics 8356	Integers Chapter 1	A point N is shown on the number line. Starting from N, if you move 7 units to the right, 12 to the left and again 6 to the right, where would you finally end up?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						at 1	between -3 and -4	between 2 and 3	between -5 and -6

5	5_27 Mathematics 8359	Integers Chapter 1	Rita goes 30 km towards east from a point A to the point B. From B, she moves 30 km towards west along the same road. If the distance towards east is represented by a positive integer then, By which integer will you represent her final position from A?		B
		Answer Options			
		Option A	Option B	Option C	Option D
		+30	0	-30	10

6	3_18 Mathematics 3328	Integers Chapter 1	If $58 \times 156 = 9048$, what is 59×156 ?		D
		Answer Options			
		Option A	Option B	Option C	Option D
		$9048 + 1$	$9048 + 58$	$9048 + 59$	$9048 + 156$

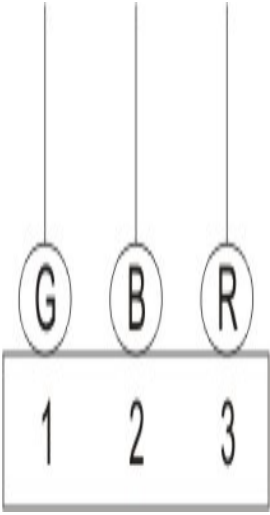
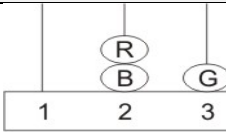
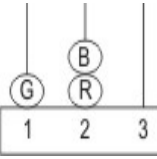
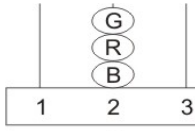
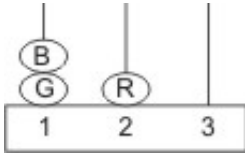
7	5_26 Mathematics 1736	Integers Chapter 1	Razaq says to Ravi, Your phone number is divisible by 3 as well as 9."If Ravi wants to check whether this is true using a divisibility test, what should he do?"		C
		Answer Options			
		Option A	Option B	Option C	Option D
		Use the divisibility test of 3 (sum of digits should be divisible by 3)	Use the divisibility test of 6 (number should be divisible by 2 and 3)	Use the divisibility test of 9 (sum of digits should be divisible by 9)	Use the divisibility test of 12 (number should be divisible by 3 and 4)

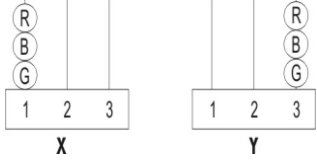
8	5_26 Mathematics 1737	Integers Chapter 1	The overhead tank of a housing-complex was $\frac{4}{5}$ th full in the morning. By 10 a.m., 9000 litres of water was used up and the remaining water filled only half the tank. What is the capacity of the tank?		D
		Answer Options			
		Option A	Option B	Option C	Option D
		2700 litters	7200 litres	18000 litres	30000 litres

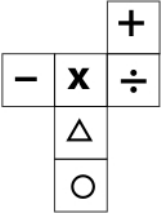
9	3_18 Mathematics 3336	Integers Chapter 1	Which series below (when continued) can contain a 3-digit prime number?		A
		Answer Options			
		Option A	Option B	Option C	Option D
		1, 3, 5, 7, 9,	2, 4, 6, 8, 10,	3, 6, 9, 12, 15,	7, 14, 21, 28, 35,

10	5_26 Mathematics 1738	Integers Chapter 1	Two or more whole numbers with no common factors greater than 1 are called co-prime numbers. Which of these statements about co-prime numbers is true?		C
		Answer Options			
		Option A	Option B	Option C	Option D
		Two distinct odd numbers must be co-prime	Two composite numbers can NOT be co-prime	Two distinct prime numbers must be co-prime	Two even numbers can be co-prime


Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
11	5_26 Mathematics 1741	Integers Chapter 1	Look at this number pattern: According to this pattern, what should be the answer to $9,999,999 \times 9,999,999$?	$99 \times 99 = 9801$ $999 \times 999 = 998001$ $9999 \times 9999 = 99980001$ $99999 \times 99999 = 9999800001$	B
Answer Options					
Option A		Option B	Option C	Option D	
9,99,99,98,00,001		9,99,99,98,00,00,001	9,99,99,98,88,88,801	9,99,99,99,80,00,00,000	

<p>12</p>	<p>5_26 Mathematics</p> <p>1743</p>	<p>Integers Chapter 1</p>	<p>Sadiq has a puzzle consisting of a wooden base with three rods numbered as 1, 2 and 3, and three coloured discs - green (G), blue (B) and red (R). The discs have to be shifted from one rod to another to get a particular arrangement, moving ONLY ONE DISC AT A TIME. The question is based on this puzzle.</p> <p>Every time a disc is shifted from one rod to another, it is counted as one move. Starting with the original arrangement shown above, which of the following arrangements will require at least 3 moves?</p>		<p>B</p>		
						<p>Answer Options</p>	
<p>Option A</p>		<p>Option B</p>		<p>Option C</p>		<p>Option D</p>	
 <p style="text-align: center;">A.</p>				 <p style="text-align: center;">C.</p>			

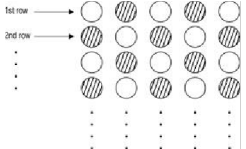
13	5_26 Mathe matics 1744	Integers Chapter 1	Starting with arrangement X, what is the least number of moves in which Sadiq can get arrangement Y by shifting the discs according to the given rules?		C
		Answer Options			
		Option A	Option B	Option C	Option D
One	Three	Five	Six		

14	5_27 Mathe matics 8380	Integers Chapter 1	If the figure shown below is folded to form a cube, which symbol will be opposite to "+" ?		C
		Answer Options			
		Option A	Option B	Option C	Option D
-	x	Δ	○		

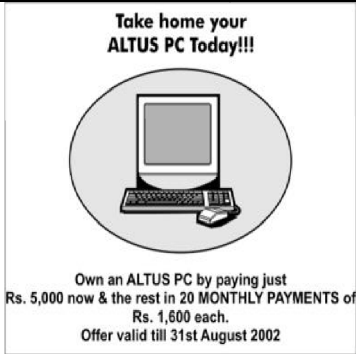
15	2_10 Mathe matics	Integers	The number 26411 is completely divisible by			C
		Chapter 1				
	5833	Answer Options				
		Option A	Option B	Option C	Option D	
3	5	7	9			

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)		
1	5_27 Mathematics 8381	Integers Chapter 1	<p>Consider this 'string' given below of 0's and 1's: Study this string of digits and the rules given below to answer the question.</p> <p>Rule 1: Starting from the left, replace every '11' in the string with '01'</p> <p>Rule 2: Starting from the left, replace every '001' in the string with '1'</p> <p>For example, if Rule 1 is applied to the string '0110', the result will be '0010'. If Rule 2 is then applied to this string '0010', the result will be '10'. '10' will be the final string, as Rules 1 and 2 have no effect on it.</p> <p>If Rule 1 is applied completely to the original string, what will be the new string obtained?</p>		C		
Answer Options							
Option A		Option B		Option C		Option D	
1100000000000000		1010000000000000		0100100101001010		1010000000000000	

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)				
2	5_27 Mathematics 8382	Integers Chapter 1	What will be the final string obtained if Rules 1 and 2 are applied consecutively on the original string?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						111000000	1010101	0111011010	11

3	2_10 Mathematics 5836	Integers Chapter 1	<p>Look carefully at the pattern below and answer the question.</p> <p>If this pattern is continued, after how many rows will there be exactly 100 shaded circles?</p> <p>If this pattern is continued, the row having 100th shaded circle</p>		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						40	50	100	200


4	2_10 Mathematics 5811	Integers Chapter 1	200000 divided by 4000 is		B		
			Answer Options				
			Option A	Option B		Option C	Option D
			20	50		200	500

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
5	2_10 Mathematics 5814	Integers Chapter 1	Francis bought an ALTUS PC in August 2002. What is the total price that he would be paying for it?		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						Rs 5000	Rs 32000	Rs 35500	Rs 37000
6	2_10 Mathematics 5817	Integers Chapter 1	<p>\square and \circ are two whole numbers and $\square \times \circ = 23$</p> <p>Which of the following MUST NECESSARILY be true?</p>		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						$\circ + \square = 24$	$\circ - \square = 22$	$\circ \times 1 = 1$	Nothing can be sai

7	2_10 Mathematics 5818	Integers Chapter 1	The length of a regular, new (unsharpened) pencil is about		C
		Answer Options			
		Option A	Option B	Option C	Option D
		0.5 metre	15 inches	18 cm	25 feet

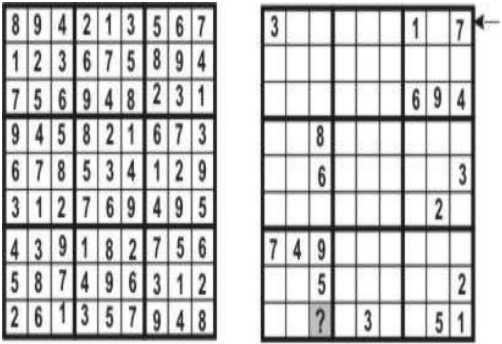
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)
8	2_10 Mathematics 5822	Integers Chapter 1	Which of the following has the greatest value?		C
		Answer Options			
		Option A	Option B	Option C	Option D
		$(-1000) \text{ divide } 10$	$(-100) \text{ divide } 100$	$(-10) \text{ divide } (-100)$	$100 \text{ divide } (-10)$

9	2_10 Mathematics 5807	Integers Chapter 1	Which arrow points closest to 3.49?		
		Answer Options			
		Option A	Option B	Option C	Option D
		A	B	C	D

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
10	5-28 Mathematics 9992	Integers Chapter 1	15 -14 + 1 is equal to		D				
						Answer Options			
						Option A	Option B	Option C	Option D
	-2	0	1	2					
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
11	5-28 Mathematics 9994	Integers Chapter 1	What amount should be filled in words in the cheque shown below?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
	Twenty lakhs sixty thousand eight hundred only	Two crores six lakhs eight hundred only	Twenty crores six lakhs eight hundred only	Twenty crores sixty lakhs eight hundred only					

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
12	5-28 Mathematics 9997	Integers Chapter 1	Increasing 550000 by one thousandth of itself will give		C				
						Answer Options			
						Option A	Option B	Option C	Option D
550005	550055	550550	555500						

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)				
13	5_28 Mathematics 10026	Integers Chapter 1	A train, 100 m long, is standing exactly at the centre of a 150 m long platform. What is the LEAST distance that the train needs to travel before it passes the platform ENTIRELY?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
100 m	125 m	150 m	250 m						

Q · N	Folder name & Questi on Code	Topic	Question with Answ er Optio ns	Image (If Any)	Correct Answer (Option - A,B,C,D)
14	5_28 Mathe matics 10030	Integers Chapter 1	<p>In a “Sudoku” puzzle, a grid has to be filled with digits in such a manner that every row, every column and every 3 x 3 box contains EACH DIGIT from 1 to 9, without repeating any. The question is based on Sudoku Puzzle . Shown below are two Sudoku grids - one filled (Grid 1) and one partly filled (Grid 2).</p> <p>Which number should come in the shaded box in Grid 2?</p>	 <p style="text-align: center;">Grid 1 Grid 2</p>	B
Answer Options					
Option A		Option B	Option C		Option D
1		2	7		8

Q · N	Folder name & Questi on Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
15	5_29 Mathe matics 11324	Integers Chapter 1	Ramesh divided 3250 by 18 incorrectly and got the Quotient 179 and Remainder 28. FOR THIS PROBLEM, which of these checks will help Ramesh find out his mistake?		A
Answer Options					
		Option A	Option B	Option C	Option D
		Check if Quotient \times Divisor + Remainder = Dividend.	Check his calculations of 18 $\times 1$, 18 $\times 7$ and 18 $\times 9$.	Check if Remainder < Dividend.	Check if Remainder < Divisor.

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)					
1	5-28 Mathematics 9998	Integers Chapter 1	The same digit has to go into both the empty boxes below to make a 5-digit number divisible by 3. Which of these digits can go into the empty boxes?	<table border="1"> <tr> <td>1</td> <td>5</td> <td></td> <td>4</td> <td></td> </tr> </table>	1	5		4		A
1	5		4							
Answer Options										
		Option A	Option B	Option C	Option D					
		7	6	3	2					

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)														
2	5-28 Mathematics 9999	Integers Chapter 1	Given below are the minimum temperatures recorded each month during a 6-month period at a place in Antarctica. In which month was the lowest minimum temperature recorded?	<table border="1"> <tr> <th>Month</th> <th>Min. Temperature</th> </tr> <tr> <td>February</td> <td>0</td> </tr> <tr> <td>March</td> <td>-1</td> </tr> <tr> <td>April</td> <td>-4</td> </tr> <tr> <td>May</td> <td>-7</td> </tr> <tr> <td>June</td> <td>-10</td> </tr> <tr> <td>July</td> <td>-11</td> </tr> </table>	Month	Min. Temperature	February	0	March	-1	April	-4	May	-7	June	-10	July	-11	D
Month	Min. Temperature																		
February	0																		
March	-1																		
April	-4																		
May	-7																		
June	-10																		
July	-11																		
Answer Options																			
		Option A	Option B	Option C	Option D														
		February	March	June	July														

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
3	5-28 Mathematics	Integers Chapter 1	If ϑ and Δ are two numbers and $\Delta \times \vartheta = 34$,		B

	cs 10000		then $\vartheta \times \Delta \times \Delta \times \vartheta$ is equal to		
		Answer Options			
		Option A	Option B	Option C	Option D
		$34 \times 34 \times 34 \times 34$	34×34	43×34	we can't say

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
4	5-28 Mathematics 10002	Integers Chapter 1	p and q are two prime numbers. c and d are two composite numbers. Which of the following would be a prime number?		D
Answer Options					
		Option A	Option B	Option C	Option D
		$p \times q$	$p \times c$	$c \times d$	none of these

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
5	5_26 Mathematics 1705	Integers Chapter 1	Seventy crores seven lakhs seven hundred and seven is written as		A
Answer Options					
		Option A	Option B	Option C	Option D
		70,07,00,707	70,70,00,707	7,07,07,007	7,07,00,707

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
6	5_26 Mathematics 1707	Integers Chapter 1	What number is 20 less than -25?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						-5	5	45	- 45

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
7	5_26 Mathematics 1709	Integers Chapter 1	In writing all the whole numbers from 1 to 100 (both included) once, which digit would you write the LEAST number of times?		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						0	1	5	9

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
8	5_26 Mathematics 1710	Integers Chapter 1	Which of the following is the same as $4 + 5n^2$?		B
Answer Options					
		Option A	Option B	Option C	Option D
		$9 \times n \times n$	$4 + 5 \times n \times n$	$4 + 5 + n \times n$	$4 + 5 \times n \times 2$


Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
9	5_26 Mathematics 1718	Integers Chapter 1	Which of the following will give the answer as 44?		D
Answer Options					
		Option A	Option B	Option C	Option D
		$8 \times 10 + 8 \div 2$	$8 \times (10 + 8) \div 2$	$8 \times (10 + 8 \div 2)$	$(8 \times 10 + 8) \div 2$

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
10	5_26 Mathematics 1712	Integers Chapter 1	In which of the following will the answer be a positive number?		C
Answer Options					
		Option A	Option B	Option C	Option D
		$(-2) + (-3) + (-4) + (-5)$	-20	$(-20) \times (-30) \times (-40) \times (-50)$	$(3) \div (-9)$

11	5-26 Mathematics 1734	Integers Chapter 1	<p>Tina called her friends Shama, Jenny, Roma and Aashka over to her house to play. They all arrived at Tina's house at different times. Shama arrived 5 minutes after Jenny but 10 minutes before Aashka. Roma and Tina were playing chess when Jenny arrived. In what order did they arrive at Tina's house?</p>	A			
			Answer Options				
			Option A		Option B	Option C	Option D
		Roma, Jenny, Shama, Aashka	Jenny, Roma Shama, Aashka	Roma, Shama, Jenny, Aashka	Jenny, Shama, Aashka, Roma		

12	5-26 Mathematics 1719	Integers Chapter 1	<p>The points P, Q, R, S, T, U and V (moving from left to right on number line) stand for seven numbers whose positions on the number line are 6, 0, -12, -10, 10, -6 and -2 (when arranged from left to right on number line). Which letter stands for -6?</p>	B
			Answer Options	

		Option A	Option B	Option C	Option D
		Q	R	S	T

13	5-26 Mathematics 1730	Integers Chapter 1	Two pieces of length $2y$ metres and x metres respectively were cut off from the ends of a rope that was originally $5x$ metres long. What was the length of the remaining piece?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
				$2x$ meters	$3x$ metres				
				$(5 - 2y)$ metres	$(4x - 2y)$ metres				

14	5-26 Mathematics 1732	Integers Chapter 1	N is a number such that $N \div \frac{1}{8} = 16$. What is the value of N?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
				$\frac{1}{2}$	2				
				4	128				

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)																																																																																
15	5_28 Mathematics 10003	Integers Chapter 1	Each cell of the table below has to be filled in with the product of the numbers in the corresponding row and column. Some of the products are filled in. If the table is completed, how many of the products filled in will be negative numbers?	<table border="1" style="font-size: small;"> <tr> <td>x</td> <td>-14</td> <td>-13</td> <td>-12</td> <td>-11</td> <td>0</td> <td>11</td> <td>12</td> <td>13</td> <td>1</td> </tr> <tr> <td>-13</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-12</td> <td></td> <td></td> <td>144</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-11</td> <td></td> <td></td> <td></td> <td>121</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	x	-14	-13	-12	-11	0	11	12	13	1	-13										-12			144							-11				121						0					0					11										12										13										C
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7		12		24		31																																																																															

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
1	5_28 Mathematics 10005	Integers Chapter 1	How many 4-digit multiples of 5 can be formed with the digits 5, 3, 2, and 1? (No digit can be repeated.)		A
Answer Options					
		Option A	Option B	Option C	Option D
		6	8	16	24

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
2	5_28 Mathematics 10008	Integers Chapter 1	If $p - 2 = q$ and $q - 2 = r$, how are p and r related?		A
Answer Options					
		Option A	Option B	Option C	Option D
		$p - 4 = r$	$p + 4 = r$	$p = r$	$p - 2 = r$

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)																												
3	5_28 Mathe matics 10010	Integers Chapter 1	Rakhi boards the train on 15th December from Mumbai. If the train is on time, at what time will she reach Kota?	<table border="1"> <thead> <tr> <th>STATION CODE</th> <th>STATION NAME</th> <th>ARRIVAL</th> <th>DEPARTURE</th> </tr> </thead> <tbody> <tr> <td>BCT</td> <td>MUMBAI CENTRAL</td> <td>Starting Station</td> <td>16:55</td> </tr> <tr> <td>ST</td> <td>SURAT</td> <td>20:00</td> <td>20:10</td> </tr> <tr> <td>BRC</td> <td>VADODARA JN</td> <td>21:50</td> <td>22:10</td> </tr> <tr> <td>RTM</td> <td>RATLAM JN</td> <td>01:30</td> <td>01:35</td> </tr> <tr> <td>KOTA</td> <td>KOTA JN</td> <td>04:17</td> <td>04:27</td> </tr> <tr> <td>NDLS</td> <td>NEW DELHI</td> <td>08:55</td> <td>Destination Station</td> </tr> </tbody> </table>	STATION CODE	STATION NAME	ARRIVAL	DEPARTURE	BCT	MUMBAI CENTRAL	Starting Station	16:55	ST	SURAT	20:00	20:10	BRC	VADODARA JN	21:50	22:10	RTM	RATLAM JN	01:30	01:35	KOTA	KOTA JN	04:17	04:27	NDLS	NEW DELHI	08:55	Destination Station	D
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4:17 AM, 15th December	4:27 AM, 16th December	4:17 PM, 16 th December	4:17 AM, 16th December																														

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)																												
4	5_28 Mathe matics 10011	Integers Chapter 1	If the train leaves Vadodara at the scheduled time, after how much time would it reach Ratlam?(Assume that it runs on time)	<table border="1"> <thead> <tr> <th>STATION CODE</th> <th>STATION NAME</th> <th>ARRIVAL</th> <th>DEPARTURE</th> </tr> </thead> <tbody> <tr> <td>BCT</td> <td>MUMBAI CENTRAL</td> <td>Starting Station</td> <td>16:55</td> </tr> <tr> <td>ST</td> <td>SURAT</td> <td>20:00</td> <td>20:10</td> </tr> <tr> <td>BRC</td> <td>VADODARA JN</td> <td>21:50</td> <td>22:10</td> </tr> <tr> <td>RTM</td> <td>RATLAM JN</td> <td>01:30</td> <td>01:35</td> </tr> <tr> <td>KOTA</td> <td>KOTA JN</td> <td>04:17</td> <td>04:27</td> </tr> <tr> <td>NDLS</td> <td>NEW DELHI</td> <td>08:55</td> <td>Destination Station</td> </tr> </tbody> </table>	STATION CODE	STATION NAME	ARRIVAL	DEPARTURE	BCT	MUMBAI CENTRAL	Starting Station	16:55	ST	SURAT	20:00	20:10	BRC	VADODARA JN	21:50	22:10	RTM	RATLAM JN	01:30	01:35	KOTA	KOTA JN	04:17	04:27	NDLS	NEW DELHI	08:55	Destination Station	A
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Option A	Option B	Option C	Option D																														
3 hours, 20 minutes	3 hours, 25 minutes	3 hours, 40 minutes	21 hours, 20 minutes																														

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
5	5_28 Mathematics 10012	Integers Chapter 1	The numbers 1, 2, 3, 4, 5 etc. are called Natural numbers. The numbers 0, 1, 2, 3, 4, etc. are called Whole numbers. Which of the following CAN be true?		D
Answer Options					
		Option A	Option B	Option C	Option D
		Natural number \times Natural number = 0	Natural number + Whole number = 0	Natural number \div Natural number = 0	Whole number \times Natural number = 0

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
6	5_28 Mathematics 10015	Integers Chapter 1	If 10 is a factor of a number which of the following MUST also be a factor ?		C
Answer Options					
		Option A	Option B	Option C	Option D
		20	15	5	4

7	2_11 Mathematics 4379	Integers Chapter 1	$999 \times 999 = 999000 - ?$		C
Answer Options					
		Option A	Option B	Option C	Option D
		9999	1000	999	998

SET 6 Mathematics Class VII

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
8	2_11 Mathematics 4382	Integers Chapter 1	N is a number such that $(N + 1)/2$ is a negative integer. Which statement is true about N?		D				
						Answer Options			
						Option A N is a positive integer	Option B N is a positive number but not an integer	Option C N is a negative integer	Option D N is a negative odd integer except greatest odd negative integer.

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
9	2_11 Mathematics 4388	Integers Chapter 1	Which of the following could be a common divisor of an even number and an odd number?		C				
						Answer Options			
						Option A 2	Option B 4	Option C 5	Option D 6
10	2_11 Mathematics 5247	Integers Chapter 1	How many different digits can replace *in the number $204*73$ so that the resulting number is divisible by 3?		C				
						Answer Options			
						Option A 1	Option B 2	Option C 3	Option D Any digit
11	2_11 Mathematics 4392	Integers Chapter 1	$1 \times (-1) \times 2 \times (-2) \times 3 \times (-3) \times 4 \times (-4) \dots$ continue to multiply numbers in the same way and want to end the series with a number to get a positive product. The last number in the series COULD be which of these?		A				

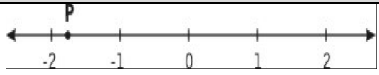
		Answer Options				
		Option A	Option B	Option C	Option D	
		-8	8	- 9	10	

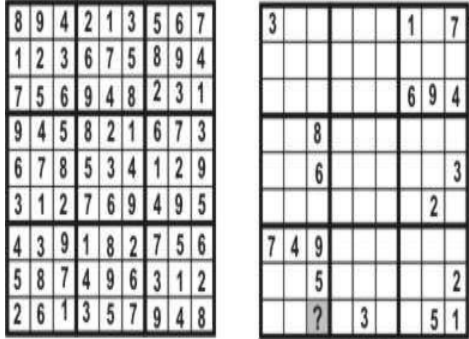


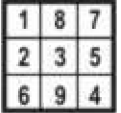

12	2_11 Mathem atics 4411	Integers Chapter 1	While reading the newspaper, which had a total of 16 pages, Ravi removes a sheet - without tearing any page - to show his mother an article on page 4. If his father now starts reading it, which pages will he find missing?		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		4, 5, 6, 7	3, 4, 13, 14	4, 5, 12, 13	3, 4, 5, 6	
13	2_11 Mathem atics 5252	Integers Chapter 1	A teacher thinks of a number and asks her class to guess it. She writes some clues on the board. What is the number?	<div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: fit-content;"> <p style="text-align: center;">----?</p> <ol style="list-style-type: none"> 1. The number is between 4500 and 4600. 2. The number consists of ONLY TWO DISTINCT (different) digits. 3. The digits in the hundreds place and tens places are DIFFERENT. 4. The number is EVEN. </div>	D	
		Answer Options				
		Option A	Option B	Option C	Option D	
		4564	4554	4545	4544	

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
14	5_28 Mathe	Integers Chapter 1	Raman has the following list on his computer screen:		

	matics 10004		45286, 6782, 12456, 98222 He selects the whole list, and then uses the 'Find' and 'Replace' options in the menu to replace EVERY '2' in the list with a '3'. The value of which number will increase the most?			B		
			Answer Options					
			Option A	Option B			Option C	Option D
			6782	12456			45286	98222

15	5-26 Mathematics 1722	Integers Chapter 1	In which of the following cases will the sum of p and q be greater than the product of p and q?			B		
			Answer Options					
			Option A	Option B			Option C	Option D
			both negative numbers	both lie between 0 and 1			both lie between 1 and 10	it is not possible for any value

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer			
1	5_29 Mathematics 11326	INTEGERS CHAPTER 1	A point P is shown on the number line: Starting from P, if you moved 5 units to the right and then 7 units to the left on this line, where would you end up?		C			
				Answer Options				
				Option A		Option B	Option C	Option D
Between 0 and 1.	At -7.	Between -3 and -4.	Between -4 and -5.					

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)		
2	5_28 Mathematics 10031	Integers CHAPTER 1	<p>In a “Sudoku” puzzle, a grid has to be filled with digits in such a manner that every row, every column and every 3 x 3 box contains EACH DIGIT from 1 to 9, without repeating any. The question is based on Sudoku Puzzle. Shown below are two Sudoku grids - one filled (Grid 1) and one partly filled (Grid 2).</p> <p>Which one is the correct filling for the</p>	 <p style="text-align: center;">Grid 1 Grid 2</p>	C		
Answer Options							
Option A		Option B		Option C		Option D	
							

Q · N	Folder name & Questio n Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option- A,B,C,D)
3	3_19 Mathematic s 2725	Fraction and decimals CHAPTER 2	Radha has 2 ribbons of length 2.25 m and 1.8 m. She wants to cut each ribbon into smaller pieces in such a way that all the pieces are of equal length and both the ribbons are of the following could be the length of the smaller pieces?		C
Answer Options					
Option A		Option B		Option C	
25 cm		30 cm		45 cm	
Option D				50 cm	

		50	75	80	125	
--	--	----	----	----	-----	--

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
7	1_2 Mathematics 6851	Fractions and Decimals CHAPTER 2	What is $1 + 2 \times 3 \div 4$?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						2	$2 + (1/4)$	$5/2$	$2/5$

8	1_4 Mathematics 7540	Fractions and Decimals CHAPTER 2	Which of the following is true about 202% of a given number?		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						It is greater than double the given number.	It is about 200 times the given number.	It is 202 more than the given number.	It is about half the given number

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
9	1_4 Mathematics 7549	Fractions and Decimals CHAPTER 2	Ameena's teacher gives her a strip of paper and tells her to colour it green, yellow and red in this way. Half of the strip should be coloured Green. One third of the strip should be coloured Yellow. The rest of the strip should be coloured Red. Which of the following ways of dividing the strip would be appropriate for this colouring?		B				
						Answer Options			
						Option A	Option B	Option C	Option D

10	1_2 Mathematics 6857	Fractions and Decimals CHAPTER 2	What is the ratio of the SHADED squares to the UNSHADED squares in the figure shown.		B				
						Answer Options			
						Option A	Option B	Option C	Option D
				09:28	02:07	02:05	07:02		

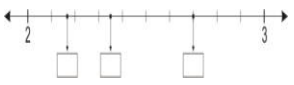
S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer
11	5_27 Mathematics 8347	FRACTION AND DECIMALS CHAPTER 2	87 hundredths is a number lying between?		A
Answer Options					
Option A		Option B		Option C	
0 and 1		1 and 10		10 and 100	
100 and 1000					

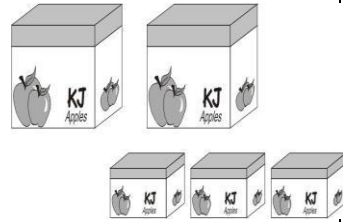
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)
12	5_27 Mathe matic s8358	Fractions and Decimals CHAPTER 2	A sports teacher had 1026 sweets. After distributing these equally amongst all the participants in a sports meet, he had just 1 sweet left with him. Which of these could be the number of sweets given away to each participant?		A
Answer Options					
Option A		Option B	Option C	Option D	
5		6	8	can't say without knowing the number of participants.	

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)	
13	5_27 Mathematics 8363	Fractions and Decimals CHAPTER 2	Kevin wants to replace the * between the numbers 65 * 34 with a digit so that the resulting number is divisible by 4. Which of the following is true?		D	
		Answer Options				
		Option A	Option B	Option C	Option D	
He can replace it with any digit, the resulting number will be divisible by 4 anyway.	He should replace it with 4 only.	He should replace it with either 2 or 4.	No matter what digit he chooses, the resulting number can never be divisible by 4.			

14	3_18 Mathematics 3310	Fractions and Decimals CHAPTER 2	50 divided by 0.01 is equal to		D	
		Answer Options				
		Option A	Option B	Option C	Option D	
		0.005	0.5	500	5000	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)	
15	3_18 Mathematics 3311	Fractions and Decimals CHAPTER 2	The numbers 0,1, 2, 3, ... are called whole numbers. p and q are two whole numbers such that when (p+q) is divide by p, quotient is a whole number but nota whole number when (p – q) is divided by p. Which of the following could be the values of p and q?		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		p = 3, q = 4	p = 2, q = 4	p = 4, q = 4	p = 4, q = 2	

1	3_18 Mathematics 3326	Fractions and Decimals CHAPTER 2	<p>The points 2.17, 2.7 and 2.35 have to be put in the empty boxes in the number line.</p> <p>From left to right, the numbers that go into the empty boxes are</p>		C
		Answer Options			
		Option A	Option B	Option C	Option D
		2.7, 2.17, 2.35	2.17, 2.7, 2.35	2.17, 2.35, 2.7	2.7, 2.35, 2.17

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)
2	3_19 Mathematics 2695	Fractions and Decimals CHAPTER 2	<p>Each big box shown below contains 100 apples and each small box contains 10 apples. In all, how many apples are there in the boxes?</p>		B
Answer Options					
Option A	Option B	Option C	Option D		
500	230	320	50		

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)				
3	5_27 Mathematics 8379	Fractions and Decimals CHAPTER 2	What fraction of the figure is shaded?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
			$\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{7}{16}$			

4	2_10 Mathematics 5806	Fractions and Decimals CHAPTER 2	6 out of a thousand is the same as		B				
						Answer Options			
						Option A	Option B	Option C	Option D
			6%	0.60%	0.01%	0.06%			


S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
5	2_10 Mathematics 5819	Fractions and Decimals CHAPTER 2	46 tenth is a number between		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						0 and 4	4 and 5	40 and 50	400 and 500

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
6	5_28 Mathematics 10009	Fractions And Decimals CHAPTER 2	A students' hostel has 60 rooms. One-fifth of the rooms can accommodate 1 student per room, one-fifth can accommodate 2 students per room and the rest can accommodate 3 students per room. What is the MAXIMUM number of students that can be accommodated in the hostel?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						60	72	144	180

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)			
7	5_28 Mathe matics 10018	Fractions And Decimals CHAPTER 2	What fraction of the viewers who voted chose the dog as their favourite animal?	<p>Chimpanzee 5%</p> <p>Lion 9%</p>	B			
				Answer Options				
				Option A		Option B	Option C	Option D
				$\frac{1}{2}$		$\frac{1}{5}$	$\frac{1}{10}$	$\frac{1}{20}$

8	2_11 Mathem atics 4381	Fractions and Decimals CHAPTER 2	0.5 x 0.20 equals		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						0.01	0.1	1	100

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer								
9	5_29 Mathematics 11328	FRACTIONS AND DECIMALS CHAPTER 2	The table below shows the average daily temperature on four consecutive days in a village in Himachal Pradesh. The four days in order from the coldest to the warmest are	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Monday</th> <th>Tuesday</th> <th>Wednesday</th> <th>Thursday</th> </tr> </thead> <tbody> <tr> <td>-2.5°C</td> <td>-0.2°C</td> <td>1.4°C</td> <td>-1.8°C</td> </tr> </tbody> </table>	Monday	Tuesday	Wednesday	Thursday	-2.5°C	-0.2°C	1.4°C	-1.8°C	D
		Monday	Tuesday	Wednesday	Thursday								
		-2.5°C	-0.2°C	1.4°C	-1.8°C								
		Answer Options											
		Option A	Option B	Option C	Option D								
Monday, Thursday, Wednesday, Tuesday	Tuesday, Wednesday, Thursday, Monday	Tuesday, Thursday, Monday, Wednesday	Monday, Thursday, Tuesday, Wednesday										

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)		
10	5_26 Mathe matics 1717	Fractions and Decimals CHAPTER 2	The figure below shows a view of a long jump pit, take off line and pit-side indicator board at a long jump competition. The distance between the take off line and the nearer edge of the pit is 1 m. A jump is always measured from the TAKE OFF LINE. The cross on the pit marks the place where Anju lands after a jump. Assuming that she took off from the proper place, about how long was Anju's jump?		A		
Answer Options							
Option A		Option B		Option C		Option D	
5.60 m		5.3 m		5.06 m		5.03 m	

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
11	5_29 Mathematics 11335	FRACTIONS AND DECIMALS CHAPTER 2	Which of the following will be equal to $\frac{1}{4}$?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						one hundredth of 250	50% of 5	100% of 0.25	140% of 1

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)	
12	5_29 Mathe matics	Fractions and Decimals CHAPTER 2	Which of these can be expressed as $\frac{5}{3}$?		A	
		Answer Options				
		11327	Option A	Option B	Option C	Option D
$\frac{2}{3} + \frac{3}{3}$	5 + 5 + 5		3 X 3 X 3 X 3 X 3	(7 - 2) X (7 - 2) X (7 - 2)		

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)					
13	5_29M athem atics	Fractions and Decimals CHAPTER 2	90 for every 100 is the same as _____ for every 200.		C					
						11334	Answer Options			
							Option A	Option B	Option C	Option D
							210	190	180	90

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
14	5_26 Mathe matics 1723	Fractions and Decimals CHAPTER 2	If $1.225 \times 1.55 = 1.89875$, then which of the following numbers would 122.5×15.5 be closest to?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						190	1900	18000	19000


Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)																																																
1	3_19 Mathematics 2710	Data handling CHAPTER 3	Akbar, Praneet, Sujata and Bharati are playing a board game in which it is possible to earn points and lose points. The scorecard so far is given below. Study the scorecard and answer the question. According to the rules of the game, if at the end of the game two players have the same winning score, the one who has fewer minus points will be declared the winner. If the game ends at the stage shown above, who would be the winner?	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Akbar</th> <th colspan="2">Praneet</th> <th colspan="2">Sujata</th> <th colspan="2">Bharati</th> </tr> <tr> <th>Points earned</th> <th>Minus points</th> <th>Points earned</th> <th>Minus points</th> <th>Points earned</th> <th>Minus points</th> <th>Points earned</th> <th>Minus points</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>1</td> <td>3</td> <td>2</td> <td>3</td> <td>1</td> <td>3</td> <td>1</td> </tr> <tr> <td>3</td> <td>2</td> <td>3</td> <td>2</td> <td>3</td> <td></td> <td>3</td> <td>1</td> </tr> <tr> <td>4</td> <td></td> <td></td> <td>1</td> <td>2</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td></td> <td>2</td> <td></td> </tr> </tbody> </table>	Akbar		Praneet		Sujata		Bharati		Points earned	Minus points	Points earned	Minus points	Points earned	Minus points	Points earned	Minus points	4	1	3	2	3	1	3	1	3	2	3	2	3		3	1	4			1	2		2					2			2		D
Akbar		Praneet		Sujata		Bharati																																															
Points earned	Minus points	Points earned	Minus points	Points earned	Minus points	Points earned	Minus points																																														
4	1	3	2	3	1	3	1																																														
3	2	3	2	3		3	1																																														
4			1	2		2																																															
			2			2																																															
Answer Options																																																					
Option A		Option B		Option C		Option D																																															
Akbar		Praneet		Sujata		Bharati																																															

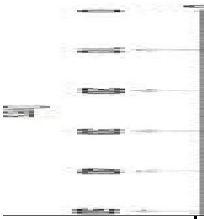
Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)	
2	3_19 Mathematics 2712	Data Handling CHAPTER 3	Study the probability line shown below to answer the question that follows. The line below shows the chances that a certain event has of occurring. For instance, the event 'The sun will rise in the East tomorrow' is certain to happen and therefore fits in position T. On the probability line, where does the event 'If a 1-rupee coin is tossed, it will come up heads' fit in?		B	
Answer Options						
Option A		Option B		Option C		
Position Q		Position R		Position S		
Option D		Option C		Option D		
Position Q		Position R		Position S		

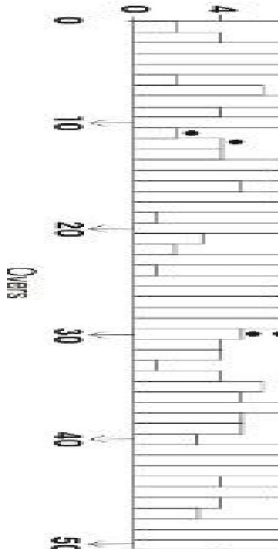
Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
3	3_19	Data Handling CHAPTER 3	The diagram below shows that there are 6 possible ways to choose 1 main dish, 1 fruit and 1 drink for breakfast out of 2 different main dishes, 1 fruit and 3 different drinks that are offered. How many possible		D

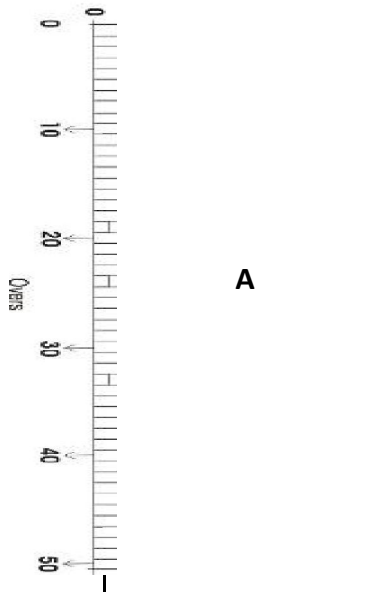
SET 9 Mathematics Class VII

2727	Mathematics	choices would there be if there were 4 different main dishes, 3 different fruits and 4 drinks to choose from?				
		Answer Options				
		Option A	Option B	Option C	Option D	
		11	18	30	48	

Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)																
4	3_19 Mathematics 2702	DATA HANDLING CHAPTER 3	The table below gives some data about the sunrise and sunset timings in a city on 3 days in May. How many hours after sunset on Monday the 24th, does the sun rise on Tuesday?	 <table border="1" style="display: inline-table; vertical-align: middle;"> <thead> <tr> <th>Day</th> <th>Date</th> <th>Sunrise</th> <th>Sunset</th> </tr> </thead> <tbody> <tr> <td>Sun</td> <td>23</td> <td>05 42</td> <td>18 43</td> </tr> <tr> <td>Mon</td> <td>24</td> <td>05 42</td> <td>18 44</td> </tr> <tr> <td>Tue</td> <td>25</td> <td>05 41</td> <td>18 44</td> </tr> </tbody> </table>	Day	Date	Sunrise	Sunset	Sun	23	05 42	18 43	Mon	24	05 42	18 44	Tue	25	05 41	18 44	A
					Day	Date	Sunrise	Sunset													
					Sun	23	05 42	18 43													
Mon	24	05 42	18 44																		
Tue	25	05 41	18 44																		
Answer Options																					
Option A	Option B	Option C	Option D																		
		10 hours 57 minutes	10 hours 59 minutes	11 hours 3 minutes	13 hours 2 minutes																

5	5-26 Mathematics 1725	Data Handling CHAPTER 3	From the point of view of the number of runs scored, which was the worst over for INDIA?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
43	37	33	30						

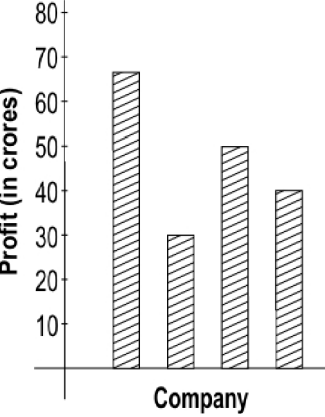
6	5-26 Mathematics 1726	Data Handling CHAPTER 3	Which of these could have been Australia's score when their first wicket fell?			
		Answer Options				
		Option A	Option B		Option C	Option D
4	12	13	27			

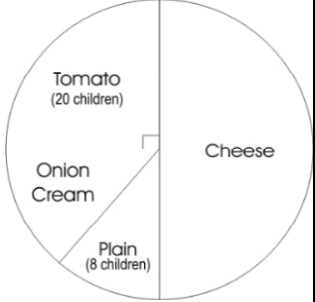
7	5-26 Mathematics 1724	Data Handling CHAPTER 3	In which 10-over period did Australia lose 3 wickets in quick succession?	
		Answer Options		

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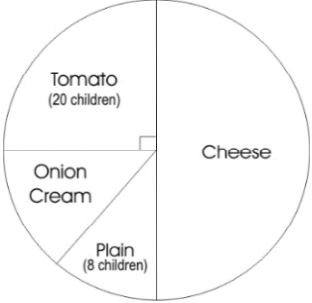
		Option A	Option B	Option C	Option D	
		10 to 20	20 to 30	30 to 40	40 to 50	

8	5-26 Mathematics 1729	Data Handling CHAPTER 3	<p>The price of gold varies from day to day. The table below gives the price of 10 grams of gold in Mumbai on certain dates in the months of August and September 2004. With the price of gold on Sept 2 as the base, the price on August 24 is said to be +20. With the same base, what is the price of gold on August 17?</p>	<table border="1" style="margin: auto;"> <thead> <tr> <th>Date</th> <th>Price of 10g gold (in Rupees)</th> </tr> </thead> <tbody> <tr> <td>Aug 17</td> <td>6095</td> </tr> <tr> <td>Aug 24</td> <td>6265</td> </tr> <tr> <td>Sept 2</td> <td>6245</td> </tr> <tr> <td>Sept 9</td> <td>6100</td> </tr> </tbody> </table>	Date	Price of 10g gold (in Rupees)	Aug 17	6095	Aug 24	6265	Sept 2	6245	Sept 9	6100	D
				Date	Price of 10g gold (in Rupees)										
				Aug 17	6095										
Aug 24	6265														
Sept 2	6245														
Sept 9	6100														
Answer Options															
Option A	Option B	Option C	Option D												
250	-250	150	-150												

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)										
9	5_27 Mathematics 8362	Data Handling CHAPTER 3	The bar graph below shows the approximate profits made by 4 different companies - K, L, M and N. K made more profit than M, L made the most and N made less profit than any other. About how much profit (in crores) did M make?	 <table border="1" data-bbox="1003 470 1325 884"> <caption>Bar Graph Data</caption> <thead> <tr> <th>Company</th> <th>Profit (in crores)</th> </tr> </thead> <tbody> <tr> <td>K</td> <td>65</td> </tr> <tr> <td>L</td> <td>30</td> </tr> <tr> <td>M</td> <td>50</td> </tr> <tr> <td>N</td> <td>40</td> </tr> </tbody> </table>	Company	Profit (in crores)	K	65	L	30	M	50	N	40	B
Company	Profit (in crores)														
K	65														
L	30														
M	50														
N	40														
Answer Options															
Option A		Option B	Option C		Option D										
30		40	50		65										

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)
10	5_27 Mathematics 8368	Data Handling CHAPTER 3	In a survey to identify the popularity of different flavours of potato chips amongst children, a group of children were asked about their favourite flavour of chips. Their response is depicted in the pie chart given. Study it and answer the question. How many children were there in the group?		D
Answer Options					
Option A		Option B	Option C		Option D
28		50	60		80

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)															
11	5.27 Mathematics 8369	Data Handling CHAPTER 3	In a survey to identify the popularity of different flavours of potato chips amongst children, a group of children were asked about their favourite flavour of chips. Their response is depicted in the pie chart given. Study it and answer the question. What percentage of children in the group chose Onion Cream flavour?	<p>The pie chart shows the following data:</p> <table border="1"> <thead> <tr> <th>Flavour</th> <th>Number of Children</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Cheese</td> <td>10</td> <td>50%</td> </tr> <tr> <td>Tomato</td> <td>20</td> <td>25%</td> </tr> <tr> <td>Plain</td> <td>8</td> <td>10%</td> </tr> <tr> <td>Onion Cream</td> <td>15</td> <td>15%</td> </tr> </tbody> </table>	Flavour	Number of Children	Percentage	Cheese	10	50%	Tomato	20	25%	Plain	8	10%	Onion Cream	15	15%	C
Flavour	Number of Children	Percentage																		
Cheese	10	50%																		
Tomato	20	25%																		
Plain	8	10%																		
Onion Cream	15	15%																		
Answer Options																				
Option A		Option B	Option C	Option D																
5%		10%	15%	22%																

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)
12	5_27 Mathematics 8370	Data Handling CHAPTER 3	<p>In a survey to identify the popularity of different flavours of potato chips amongst children, a group of children were asked about their favourite flavour of chips. Their response is depicted in the pie chart given. Study it and answer the question.</p> <p>The ratio of the number of children who chose plain chips to that of those who chose any other flavour is</p>		A
Answer Options					
Option A		Option B	Option C		Option D
1:09		1:12	1:15		2:15

13	1_2 Mathematics 6876	Data Handling CHAPTER 3	5000 people in a city were asked to name their favourite English newspaper. The result is shown in the following pie chart. Which of the following statements is NOT TRUE?			C	
		Answer Options					
		Option A	Option B	Option C	Option D		
		A quarter of the people polled prefer the Indian Express.	More than 50% people prefer Indian Express or Times of India.	The number of people who prefer the Times of India is double those who prefer the Hindustan Times.	Among those polled, about 2000 prefer the Times of India.		

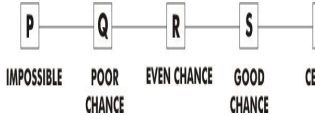
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)															
14	1_2 Mathematics 6883	Data Handling CHAPTER 3	Some students of class 7 have worked on surveying average food intake by students of their class. The findings are given in table What is the average food intake of fruit and fruit product as listed for boys and girls?	Average food intake from team one of class VII <table border="1"> <thead> <tr> <th>Nutrients</th> <th>boys (in grams)</th> <th>girls (in grams)</th> </tr> </thead> <tbody> <tr> <td>Cereals & cereal products</td> <td>360</td> <td>280</td> </tr> <tr> <td>Fruits and fruit products</td> <td>140</td> <td>120</td> </tr> <tr> <td>Vegetables</td> <td>160</td> <td>150</td> </tr> <tr> <td>Dairy products</td> <td>440</td> <td>360</td> </tr> </tbody> </table>	Nutrients	boys (in grams)	girls (in grams)	Cereals & cereal products	360	280	Fruits and fruit products	140	120	Vegetables	160	150	Dairy products	440	360	B
		Nutrients	boys (in grams)	girls (in grams)																
		Cereals & cereal products	360	280																
Fruits and fruit products	140	120																		
Vegetables	160	150																		
Dairy products	440	360																		
Answer Options																				
Option A	Option B	Option C	Option D																	

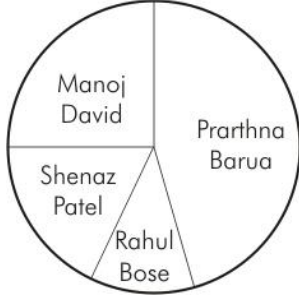
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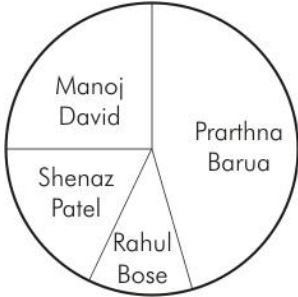
		120	130	140	150																													
15	3_18 Mathematics 3329	Data Handling	See the number chart shown.		<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td> </tr> <tr> <td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td> </tr> <tr> <td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td> </tr> <tr> <td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td> </tr> </table>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
		1	2	3			4	5	6	7																								
		8	9	10	11	12	13	14																										
		15	16	17	18	19	20	21																										
22	23	24	25	26	27	28																												
CHAPTER 3	If we choose any number from the first three rows of this chart and call it m , the number just below it will be		B																															
Answer Options																																		
Option A		Option B		Option C		Option D																												
$m + 1$		$m + 7$		$m \times 7$		$8m$																												


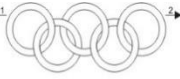


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3	3_19 Mathematics 2709	Data Handling Chapter 3	Akbar, Praneet, Sujata and Bharati are playing a board game in which it is possible to earn points and lose points. The scorecard so far is given below. Study the scorecard and answer the questions. According to the scorecard, what is Praneet's total score at present?	<table border="1"> <thead> <tr> <th colspan="2">Akbar</th> <th colspan="2">Praneet</th> <th colspan="2">Sujata</th> <th colspan="2">Bharati</th> </tr> <tr> <th>Points earned</th> <th>Minus points</th> <th>Points earned</th> <th>Minus points</th> <th>Points earned</th> <th>Minus points</th> <th>Points earned</th> <th>Minus points</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>1</td> <td>3</td> <td>2</td> <td>3</td> <td>1</td> <td>3</td> <td></td> </tr> <tr> <td>3</td> <td>2</td> <td>3</td> <td>2</td> <td>3</td> <td></td> <td>3</td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td>1</td> <td>2</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td></td> <td>2</td> <td></td> </tr> </tbody> </table>	Akbar		Praneet		Sujata		Bharati		Points earned	Minus points	Points earned	Minus points	Points earned	Minus points	Points earned	Minus points	4	1	3	2	3	1	3		3	2	3	2	3		3		4			1	2		2					2			2		D
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4	3_19 Mathe matics 2713	Data Handling Chapter 3	Study the probability line shown below to answer the question that follows. The line below shows the chances that a certain event has of occurring. For instance, the event 'The sun will rise in the East tomorrow' is certain to happen and therefore fits in position T. Which of the following events fits in position Q of the probability line?		B		
Answer Options							
Option A		Option B		Option C		Option D	
This year, November will come after December		If you put your finger on a map of India with your eyes closed, it will touch Kerala		Year 2008 will have 366 days		Delhi will record a temperature of over 40 ^o C on at least one day next year	

8	3_19 Mathematics 2723	Data Handling Chapter 3	<p>Study the pie chart below to answer the question. All the high school students of Green Earth School voted to elect their School Pupil Leader from four candidates - Manoj David, Prarthana Barua, Rahul Bose and Shenaz Patel. The pie chart here shows the vote distribution among the four candidates.</p> <p>Which of the following statements is true?</p>		D
Answer Options					
Option A		Option B	Option C		Option D
Prarthana got twice as many votes as Manoj		A quarter of the students voted for Shehnaz	Manoj alone got more votes than Rahul and Shehnaz put together		Almost 3 quarters of the students want either Manoj or Prarthana to be the School Pupil Leader

Q · N	Folder name & Questi on Code	Topic	Question with Answer Options	Image (If Any)	Option answers
9	3_19 Mathe matics 2724	Data Handling Chapter 3	<p>Study the pie chart below to answer the question. All the high school students of Green Earth School voted to elect their School Pupil Leader from four candidates - Manoj David, Prarthana Barua, Rahul Bose and Shenaz Patel. The pie chart here shows the vote distribution among the four candidates.</p> <p>What percent of the students who voted do NOT want Prarthana Barua as the School Pupil Leader?</p>		B
Answer Options					
Option A		Option B	Option C	Option D	
Below 50%		Between 50% and 60%	Exactly 75%	Between 75% and 90%	

Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)
11	5_26 Mathematics 1735	Data Handling Chapter 3	In which of the following cases will the five rings form a single, straight chain when Ring 1 and Ring 2 are pulled in opposite directions as indicated?		B
Answer Options					
		Option A	Option B	Option C	Option D
		 A.	 B.	 C.	 D.

Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)																																															
15	5_26 Mathematics 1738	Data Handling Chapter 3	Shown below is Nazneen's partially filled report card. Study it and answer the question. What was Nazneen's overall percentage (of all five subjects together) in Term 2?	<table border="1"> <thead> <tr> <th rowspan="2">Subject</th> <th>Term 1 marks</th> <th>Term 2 marks</th> <th>Term 3 marks</th> <th colspan="2">Subjectwise Total and Grade</th> </tr> <tr> <th>T_1 (Out of 50)</th> <th>T_2 (Out of 50)</th> <th>T_3 (Out of 50)</th> <th>Year Total $T=T_1+T_2+T_3$</th> <th>% (P) $\frac{T}{150} \times 100$</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>English</td> <td>46</td> <td>45</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hindi</td> <td>49</td> <td>48</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Maths</td> <td>40</td> <td>40</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Science</td> <td>34</td> <td>45</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>S.S.</td> <td>36</td> <td>32</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Subject	Term 1 marks	Term 2 marks	Term 3 marks	Subjectwise Total and Grade		T_1 (Out of 50)	T_2 (Out of 50)	T_3 (Out of 50)	Year Total $T=T_1+T_2+T_3$	% (P) $\frac{T}{150} \times 100$	Grade	English	46	45					Hindi	49	48					Maths	40	40					Science	34	45					S.S.	36	32					B
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		Options				
		Option A	Option B	Option C	Option D	
		84%	82%	75%	21%	

Q · N	Folde r name & Ques tion Code	Topic	Question with Answer Options	Image (If Any)	Corr ect Ans wer (Opti on - A,B,C ,D)
1	5_26 Math emati cs 1740	Data Handling Chapter 3	Grades are given for each subject at the end of the year according to the percentage of marks (P) in that subject. The specifications for assigning the grades are given below:		B

				<p>What is the BEST grade Nazneen could get in Science at the end of the year after term 3 is over?</p>	<table border="1"> <thead> <tr> <th>Percentage (P)</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>90% & above</td> <td>- A1</td> </tr> <tr> <td>80% to 89%</td> <td>- A2</td> </tr> <tr> <td>70% to 79%</td> <td>- B1</td> </tr> <tr> <td>60% to 69%</td> <td>- B2</td> </tr> <tr> <td>50% to 59%</td> <td>- C1</td> </tr> <tr> <td>40% to 49%</td> <td>- C2</td> </tr> <tr> <td>Below 40%</td> <td>- D</td> </tr> </tbody> </table>	Percentage (P)	Grade	90% & above	- A1	80% to 89%	- A2	70% to 79%	- B1	60% to 69%	- B2	50% to 59%	- C1	40% to 49%	- C2	Below 40%	- D
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		A1	A2	B1	B2																

12	2_10 Mathematics 5810	Data Handling Chapter 3	23095 people were present in a stadium to watch a football match. Which of the following is the nearest approximation of the number of people in the stadium?		B
Answer Options					
		Option A	Option B	Option C	Option D
		20 thousand	23 thousand	24 thousand	30 thousand

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A, B,C,D)			
13	5-28 Mathematics 10014	Data Handling Chapter 3	Five rotten mangoes, each weighing 1unit, were removed- from a box full of mangoes and replaced with 3 fresh mangoes. The weight of each fresh mango was double the weight of a rotten mango. What happened to the weight of the box as compared to the start, when it had the rotten mangoes?		D			
Answer Options								
Option A						Option B	Option C	Option D
It increased by 6 units						It increased by 3 units	It decreased by 2 unit	It increased by 1 unit

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)																				
15	5-28 Mathematics 10019	Data Handling Chapter 3	According to the survey, which of the following is NOT among the 4 most popular animals?	<table border="1"> <tr> <td>Chimpanzee</td> <td>Dog</td> <td>Dolphin</td> <td>Elephant</td> <td>Horse</td> </tr> <tr> <td>5%</td> <td>20%</td> <td>13%</td> <td>6%</td> <td>10%</td> </tr> <tr> <td>Lion</td> <td>Orangutan</td> <td>Snake</td> <td>Tiger</td> <td>Whale</td> </tr> <tr> <td>9%</td> <td>4.5%</td> <td>8%</td> <td>21%</td> <td>3.5%</td> </tr> </table>	Chimpanzee	Dog	Dolphin	Elephant	Horse	5%	20%	13%	6%	10%	Lion	Orangutan	Snake	Tiger	Whale	9%	4.5%	8%	21%	3.5%	B
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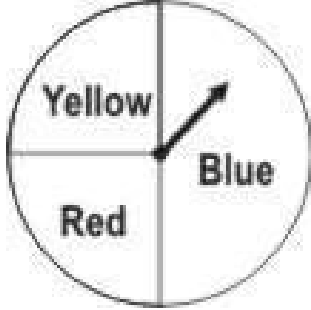
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8	5_28 Mathematics 10020	Data Handling Chapter 3	<p>Here is a graphical representation of the result of the survey. Which animal is represented by letter 'T' in the graph?</p> <table border="1"> <tr> <td>Chimpanzee</td> <td>Dog</td> <td>Dolphin</td> <td>Elephant</td> <td>Horse</td> </tr> <tr> <td>5%</td> <td>20%</td> <td>13%</td> <td>6%</td> <td>10%</td> </tr> <tr> <td>Lion</td> <td>Orangutan</td> <td>Snake</td> <td>Tiger</td> <td>Whale</td> </tr> <tr> <td>9%</td> <td>4.5%</td> <td>8%</td> <td>21%</td> <td>3.5%</td> </tr> </table>	Chimpanzee	Dog	Dolphin	Elephant	Horse	5%	20%	13%	6%	10%	Lion	Orangutan	Snake	Tiger	Whale	9%	4.5%	8%	21%	3.5%		A
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12	2_11 Mathematics 4401	Data handling Chapter 3	<p>See the table below giving some information about various models of Maruti. Which of these statements is TRUE according to the information in the table?</p>	<table border="1"> <thead> <tr> <th>Variant</th> <th>Colour type</th> </tr> </thead> <tbody> <tr> <td>Maruti 800 Std - Bharat II</td> <td>Non-metallic</td> </tr> <tr> <td>Maruti 800 Std - Bharat II</td> <td>Metallic</td> </tr> <tr> <td>Zen LX -- Bharat II</td> <td>Non-metallic</td> </tr> <tr> <td>Zen LX -- Bharat II</td> <td>Metallic</td> </tr> <tr> <td>Maruti 800 Std (with AC) Bharat-II</td> <td>Non-Metallic</td> </tr> <tr> <td>Maruti 800 Std (with AC) Bharat-II</td> <td>Metallic</td> </tr> </tbody> </table>	Variant	Colour type	Maruti 800 Std - Bharat II	Non-metallic	Maruti 800 Std - Bharat II	Metallic	Zen LX -- Bharat II	Non-metallic	Zen LX -- Bharat II	Metallic	Maruti 800 Std (with AC) Bharat-II	Non-Metallic	Maruti 800 Std (with AC) Bharat-II	Metallic	D
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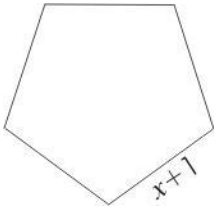
		The cheapest Maruti 800 model costs Rs. 2,23,690.	No Maruti car with AC is available for less than Rs 3 lakhs.	Of the cars mentioned here, the non-metallic Zen LX -- Bharat II is the most expensive.	The non-metallic coloured cars of a particular model are cheaper than the metallic coloured ones of the same model.
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S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)												
7	2_11 Mathematics 4397	Data Handling Chapter 3	Meenu has yoga classes every Saturday. What is the MAXIMUM number of yoga classes that Meenu could have in a year? (Assume that the year is not a leap year)		D												
<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 style="text-align: center;">48</td> <td style="text-align: center;">50</td> <td style="text-align: center;">52</td> <td style="text-align: center;">53</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	48	50	52	53
Answer Options																	
Option A	Option B	Option C	Option D														
48	50	52	53														

SET 11 Data handling and simple equations

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C ,D)
1	5_28 Math ematics 1002 2	Data Handling Chapter 3	<p>The pointer on the spinner below can stop on any of the 3 areas - red, yellow or blue, when spun.</p> <p>What are the chances of the pointer stopping on red on the first try on this spinner?</p>		C
Answer Options					
Option A		Option B	Option C	Option D	
certain		50%	25%	impossible	

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B, C,D)
8	5_28 Math ematics 1002 9	Data Handling Chapter 3	Ram walks into a room that had 2 fans. The room has one switchboard with 10 switches - each operating a different light or fan. Ram does not know which switch is for what. What is the GREATEST number of switches he may have to try before any ONE of the fans gets switched on?		C
Answer Options					
		Option A	Option B	Option C	Option D
		2	8	9	10

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)		
4	3_19 Mathematics 2714	Simple Equation Chapter 4	The length of a side of the regular polygon shown below is $(x + 1)$ units. What is its perimeter in the same units?		D		
Answer Options							
Option A		Option B		Option C		Option D	
$4x + 1$		$x + 5$		$5x + 1$		$5x + 5$	


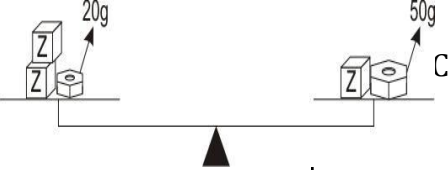
9	1_2 Mathematics 6858	Simple Equations Chapter 4	If $2^3 + x = 2^3$ and $2^3 \cdot y = 2^3$, then $x - y$ equals		A		
Answer Options							
Option A		Option B		Option C		Option D	
-1		1		0		2^3	

Q · N	Folder name & Questio n Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
6	5_26 Mathe matics 1727	Simple Equations Chapter 4	Renu is 4 years old and her sister Keya is 8 years old. Which of the following would be the correct way to find Keya's age when Renu is y years old?		C
Answer Options					
		Option A	Option B	Option C	Option D
		y^2	$2y$	$y + 4$	$4y$

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
12	5_26 Mathe matics 1731	Simple Equations Chapter 4	What should be added to 995 to get the smallest 4-digit number divisible by 11?		C
Answer Options					
		Option A	Option B	Option C	Option D
		2	5	6	11

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S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
3	5_27 Mathematics 8345	SIMPLE EQUATIONS Chapter 4	If the sum of two consecutive odd numbers is 10000, what is the smaller of the two?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
1	4999	5000	9999						


2	3_18 Mathematics 3339	Simple Equations Chapter 4	See the weighing below with some identical cubes marked 'Z'. How many grams does  weigh?		
			Answer Options		
			Option A		Option B

		15 g	25 g	30 g	50 g	
--	--	------	------	------	------	--


15	1_4 Mathematics 7553	Simple Equations Chapter 4	Which of these equations has 0 as the solution?			D
		Answer Options				
		Option A $x + 4 = 7 - x$	Option B $7x = 7$	Option C $2x + 3 = x - 3$	Option D $2x + 1 = 1 + 3x$	

Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (if Any)	Correct Answer (Option - A,B,C, D)
6	3_19 Mathematics 2717	Simple Equations Chapter 4	Zarina finds that if she multiplies her age by itself and decreases it by 110, the result equals her age. How can she write this taking 'z' as her age?		B
Answer Options					
		Option A	Option B	Option C	Option D

			$2z/110 = z$	$z^2 - 110 = z$	$z^2 - 110z = 2$	$2z - 110 = z$	
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Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)				
3	5_26 Mathematics 1742	Simple Equations Chapter 4	This is what Laxman sees on his computer screen while printing a document. The total size of the document is shown in kilobytes (KB). Assuming the size of each page is the same, about how many kilobytes may have already been printed?		B				
						Answer Options			
						Option A 120 KB	Option B 250 KB	Option C 400 KB	Option D 1575 KB

Q · N	Folde r name & Quest ion Code	Topic	Question with Answer Options	Ima ge (if Any)	Corr ect Ans wer (Opt ion - A,B,C ,D)
10	5_27 Math emati cs 8377	<i>Simple Equations Chapter 4</i>	<i>Tina's age is 3 years less than twice the age of her brother Ronak. If R represents the age of Ronak, then what is Tina's age?</i>		C
Answer Options					
		<i>Option A</i>	<i>Optio n B</i>	<i>Option C</i>	<i>Option D</i>
		$2-3R$	$3 - 2R$	$2R - 3$	$3 + 2R$

Q · N	Folder name & Questi on Code	Topic	Question with Answer Options	Image (If Any)	Corre ct Answ er (Opti on - A,B,C, D)
11	5_27 Mathe matics 8378	Simple Equations Chapter 4	What is the MINIMUM number of straight cuts required to cut a cylindrical log into 8 pieces? (Hint: The cuts have to be straight but can be in any direction)		B
Answer Options					
Option A		Option B	Option C		Option D
2		3	5		8


S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
7	2_10 Mathematics 5828	Simple Equations Chapter 4	If $2 + x = 12$, the value of x^2 is		C				
						Answer Options			
						Option A 20	Option B 28	Option C 100	Option D 196
8	2_10 Mathematics 5834	Simple Equations Chapter 4	Mallika and Kishore have the same number of marbles. To have 100 marbles, they must pool their marbles together and then get 25 more. Which equation represents the above relationship?"		D				
						Answer Options			
						Option A $50x = 100$	Option B $25x^2 = 100$	Option C $25 + x^2 = 100$	Option D $25 + 2x = 100$

SET 12 Simple equations and Lines and angles

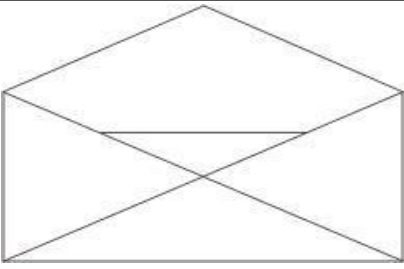
9	2_11 Mathematics 4404	Simple equations Chapter 4	If $x - 200 = 200$, how much is $x + 200$?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
0	200	400	600						

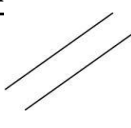
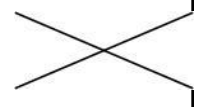
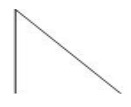
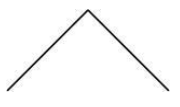
Q · N	Folde r name & Quest ion Code	Topic	Question with Answer Options	Ima ge (If Any)	Corr ect Ans wer (Opt ion - A,B,C ,D)				
28	5_29 Mathematics 11354	SIMPLE EQUATIO N Chapter 4	10 th term for the expression $n^2 + 1$ is		B				
						Answer Options			
						Option A	Optio n B	Option C	Option D
21	101	1001	1021						

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Q · N	Folder name & Questi on Code	Topic	Question with Answer Options	Image (If Any)	Corre ct Answ er (Opti on - A,B,C, D)				
4	5_28 Mathe matics 10025	Simple Equations Chapter 4	Tinu has to jump through a distance equal to $\frac{1}{4}$ of his height to reach his father's height. If Tinu's father is 180 cm tall, how tall is Tinu?	 <p style="text-align: center;">Tinu</p>	C				
						Answer Options			
						Option A	Option B	Option C	Option D
		45 cm	135 cm	144 cm	225 cm				


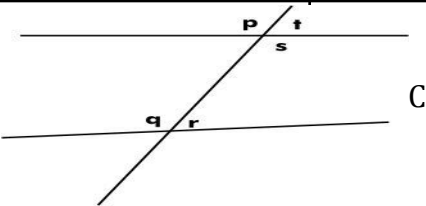
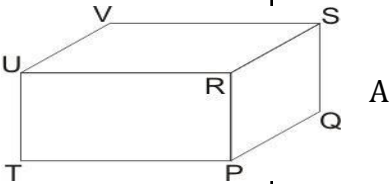
Lines and angles

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
5	3_19 Mathematics 2696	LINES AND ANGLES Chapter 5	How many pairs of parallel lines are there in the figure below?		A
Answer Options					
		Option A	Option B	Option C	Option D
		4	3	2	1

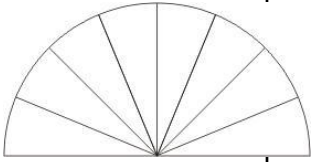
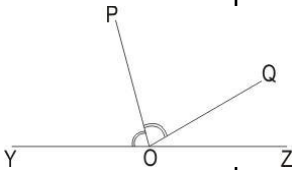
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)
1	1_2 Mathematics 6852	Lines and Angles Chapter 5	Which figure below shows a pair of perpendicular lines?		D
Answer Options					
		Option A	Option B	Option C	Option D
					

2	1_2 Mathematics 6872	Lines and Angles	Calculate angle x.												
		Chapter 5	<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>55°</td> <td>70°</td> <td>60°</td> <td>90°</td> </tr> </tbody> </table>			Answer Options				Option A	Option B	Option C	Option D	55°	70°
Answer Options															
Option A	Option B	Option C	Option D												
55°	70°	60°	90°												

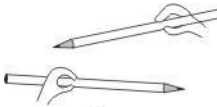
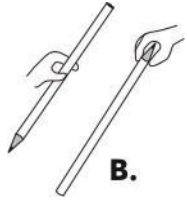
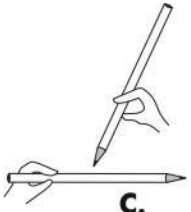
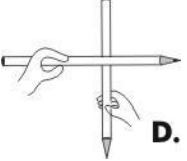
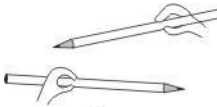
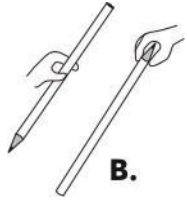
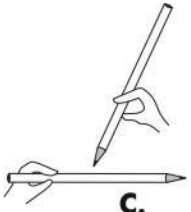
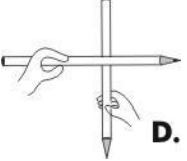
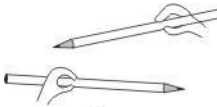
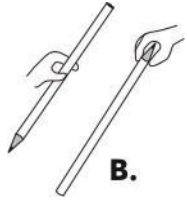
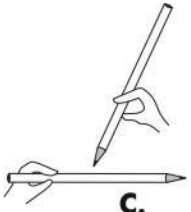
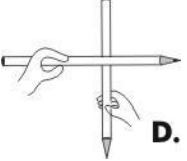
3	1_2 Mathematics 6877	Lines and Angles	In the given figure, only lines p and q are parallel. Only one angle is known. What will be the measure of the angle marked x?												
		Chapter 5	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>110°</td> <td>70°</td> <td>90°</td> <td>cannot be determined</td> </tr> </tbody> </table>			Answer Options				Option A	Option B	Option C	Option D	110°	70°
Answer Options															
Option A	Option B	Option C	Option D												
110°	70°	90°	cannot be determined												

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)										
4	1_4 Mathematics 7548	Lines and Angles Chapter 5	How many pairs of parallel lines are there in the figure?		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>4</td> <td>3</td> <td>2</td> <td>1</td> </tr> </tbody> </table>				Answer Options				Option A	Option B
Answer Options															
Option A	Option B	Option C	Option D												
4	3	2	1												
5	1_4 Mathematics 7557	Lines and Angles Chapter 5	According to the given figure, which angle must p NECESSARILY be equal to?												
						<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>Q</td> <td>R</td> <td>S</td> <td>t</td> </tr> </tbody> </table>				Answer Options				Option A	Option B
Answer Options															
Option A	Option B	Option C	Option D												
Q	R	S	t												
6	3_18 Mathematics 3312	Lines and Angles Chapter 5	Some of the corners of the cuboid are named. Which of the following is perpendicular to edge SQ?		A										

Answer Options					
Option A		Option B		Option C	
RS		RU		UT	
Option D		Option C		Option B	
RP		UT		RU	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)										
7	3_18 Mathematics 3331	Lines and Angles Chapter 5	Nidhi has cut out a semi-circular piece from a plastic sheet and divided it into 8 equal parts as shown. She wants to use this to measure angles. Which of the following angles will she be able to measure accurately using this semi-circular piece?		B										
						<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 style="text-align: center;">30°</td> <td style="text-align: center;">45°</td> <td style="text-align: center;">60°</td> <td style="text-align: center;">100°</td> </tr> </table>				Answer Options				Option A	Option B
Answer Options															
Option A	Option B	Option C	Option D												
30°	45°	60°	100°												
8	3_18 Mathematics 3342	Lines and Angles Chapter 5	In the given figure, YZ is a straight line and O is a point on it. OP bisects angle QOY. Angle POQ is twice angle QOZ, what is the degree measure of angle POZ?		B										

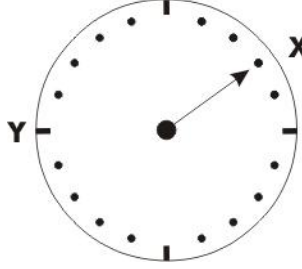
Answer Options				
Option A	Option B	Option C	Option D	
120°	108°	100°	90°	


9 5-26 Mathematics 1711	Lines and Angles Chapter 5	2 pencils are held in four different positions as shown below. In which position would the pencils be said to be parallel?	B								
	Answer Options										
<table border="1" style="width: 100%; border-collapse: collapse;"> <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 style="text-align: center;">  A. </td> <td style="text-align: center;">  B. </td> <td style="text-align: center;">  C. </td> <td style="text-align: center;">  D. </td> </tr> </table>				Option A	Option B	Option C	Option D	 A.	 B.	 C.	 D.
Option A	Option B	Option C	Option D								
 A.	 B.	 C.	 D.								

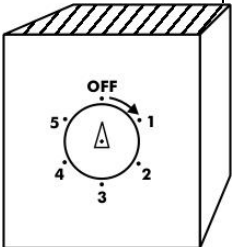
S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer
15	5_27 Mathematics 8357	Lines and Angles Chapter 5	Which of the following can be the sum of angles P and Q of a triangle PQR obtuse angled at R?		A
Answer Options					
		Option A	Option B	Option C	Option D
		10°	90°	105°	160°

Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C ,D)
24	5_27 Mathematics	Lines and Angles Chapter 5	Line LM and rays OP, OQ, and OR meet at point O. Under which of the following conditions will angle LOR be equal to angle QOM?		C

	8366	Answer Options			
		Option A	Option B	Option C	Option D
		When line LOR be parallel to line QOM.	When L, O and Q are collinear.	When R, O and Q are collinear.	When R, O and P are collinear.

Q · N	Folder name & Questi on Code	Topic	Question with Answer Option s	Image (If Any)	Correc t Answ er (Optio n - A,B,C, D)		
1	3_19 Mathe matics 2718	Lines and Angles Chapter-5	What is the least number of degrees by which the pointer on the dial below has to turn clockwise to move from position X to position Y ?		B		
Answer Options							
Option A		Option B		Option C		Option D	
220 °		216°		230°		250°	

Q · N	Folder name & Questi on Code	Topic	Question with Answer Options	Imag e (If Any)	Corre ct Answ er (Opti on - A,B,C, D)				
2	5_27 Mathe matics 8375	Lines and Angles Chapter-5	How many times in a 24-hour day is one of the hands of this clock EXACTLY at 6 while the other makes an acute angle with it?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
			2	12	14	24			

3	2_10 Mathem atics 5838	Lines and Angles Chapter-5	The picture of the regulator of a fan (at the 'OFF' position) is shown. By how many degrees does it have to be turned if I want to turn it from the 'OFF' position to speed '4'?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
			160°	240°	288°	300°			

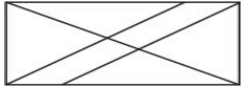
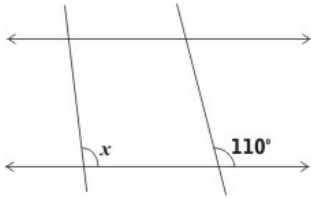
4	2_10 Mathem atics 5816	Lines and Angles Chapter-5	In the figure, ray QT bisects anglePQR and ray QS bisects anglePQT. The degree measure of angle SQR is		B
		Answer Options			
		Option A	Option B	Option C	Option D
		60°	67.5°	75°	72.5°

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
5	5-28 Mathemati cs 9993	Lines and Angles Chapter-5	What is the length of the line next to the scale?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						5.1 cm	3.7 cm	3.3 cm	2.3 cm

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
6	5-28 Mathemati cs 9996	Lines and Angles Chapter-5	A rope of length n cm is cut into 3 equal parts. The length of each part (in cm) will be		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						$\frac{3}{n}$	$n - 3$	$3n$	$\frac{n}{3}$

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
7	5_28 Mathematics 10001	Lines And Angles Chapter-5	A line parallel to line PQ is to be drawn through R. Which of the points - A, B, C or D will it pass through?	<p>The image shows a grid of dots. A line segment PQ is drawn from point P to point Q. Point P is at the second dot from the left and the second dot from the bottom. Point Q is at the eighth dot from the left and the second dot from the bottom. Four other points are marked: A is at the eighth dot from the left and the third dot from the bottom; B is at the eighth dot from the left and the fourth dot from the bottom; C is at the eighth dot from the left and the fifth dot from the bottom; R is at the second dot from the left and the fifth dot from the bottom.</p>	A
Answer Options					
Option A		Option B		Option C	
A		B		C	
Option D		Option C		Option D	
A		B		C	

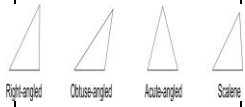
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
8	5_28 Mathematics 10007	Lines And Angles Chapter-5	Look at the following figures. By what angle does Figure 1 have to be rotated clockwise to get Figure 2?	<p>The image shows two circles. Figure 1 is a circle with two intersecting lines forming an 'X' shape. Figure 2 is a circle with a horizontal line and a vertical line intersecting at the center.</p>	C
Answer Options					
Option A		Option B		Option C	
90°		180°		45°	
Option D		Option C		Option D	
90°		180°		45°	

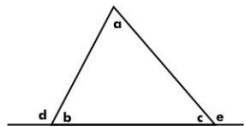
S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
9	5_29 Mathematics 11336	LINES AND ANGLES Chapter-5	How many pairs of parallel lines are there in the figure below?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						4	3	2	1
S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
10	5_29 Mathematics 11337	LINES AND ANGLES Chapter-5	In the given figure, lines p and q are parallel. One of the angles is given. What will be the measure of the angle marked 'x'?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						110°	70°	90°	cannot say fo

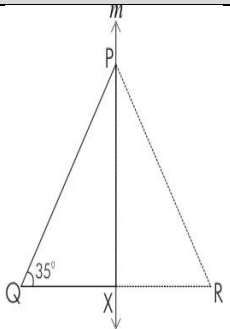
11	3_18 Mathem atics 3313	The Triangles and Its Properties Chapter-6	The sum of two angles of a triangle is 75° . What type of triangle is it?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						Right angled	Obtuse angled	Acute angled	We can't say

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
12	3_19 Mathematics 2720	The Triangle and its Properties Chapter-6	A quadrilateral can be divided into 2 triangles that are non-overlapping and don't intersect inside the triangle. The following figure shows the number of non-overlapping triangles that some other polygons can be divided into in a similar way. From this, we can say that when the number of sides of a polygon is p , the number of such non-overlapping triangles that it can be divided into is		A
Answer Options					
Option A	Option B	Option C	Option D		
2 less than p	half of p	1 less than p	equal to p		

13	5-26 Mathematics 1713	The Triangles and its Properties Chapter-6	Mahima draws a triangle PQR obtuse angled at P. What Could be the sum of the degree measures of angle Q and angle R?	D		
		Answer Options				
		Option A	Option B		Option C	Option D
		120	98		90	87

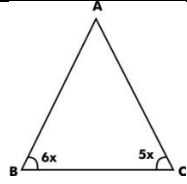
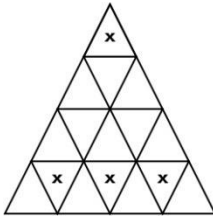
14	1_4 Mathematics 7554	The Triangles and Its Properties Chapter-6	Shown here are EXAMPLES of different types of triangles. Which of these statements are ALWAYS true (not only for the 4 triangles shown)		A
		Answer Options			
		Option A	Option B	Option C	Option D
		A Right-angled triangle CANNOT BE an Obtuse-angled triangle	An Isosceles triangle CANNOT BE a Right-angled triangle	An Isosceles triangle CANNOT BE an Acute-angled triangle	A Scalene triangle CANNOT BE an Obtuse angled triangle

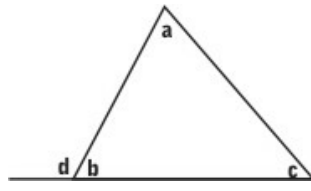
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)
15	1_4 Mathematics 7567	The Triangles and Its Properties Chapter-6	In the figure, the base of the triangle is extended on both sides. Which of these can we NOT say with certainty?		D
		Answer Options			
		Option A	Option B	Option C	Option D
		$a + b + c = 180^{\circ}$	$b + d = 180^{\circ}$	$c + e = 180^{\circ}$	$d + e = 180^{\circ}$

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)				
1	3_19 Mathematics 2716	The Triangle and its Properties Chapter-6	Isosceles triangle PQR is symmetrical about axis m. What is the measure of angle XPR?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						35°;	55°;	70°;	77.5°;

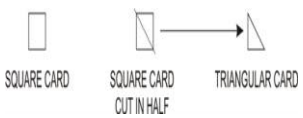

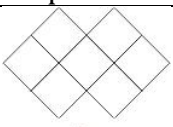
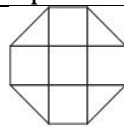
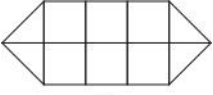
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
2	5-28 Mathematics 9995	Triangle and its properties Chapter-6	For which of the following triangles will the sum of the three angles be the greatest?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						Obtuse-angled isosceles	Equilateral	Right-angled isosceles	It will be the same for all.

SET 14 MATHEMATICS CLASS VII (Triangle and its properties and Comparing Quantities)

3	2_10 Mathematics 5843	Triangles and its properties Chapter-6	(Figure not to scale) In this figure, Angle B = $6x$ and Angle C = $5x$; Angle A is 20° more than angle C. Which is the largest angle of the triangle and what is its degree measure?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						Angle A, 75°	Angle B, 66°	Angle A, 70°	Angle B, 60°
4	2_10 Mathematics 5844	Triangles and its properties Chapter-6	In the figure, how many triangles (of any size) are there which have exactly ONE cross inside?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						4	7	9	10

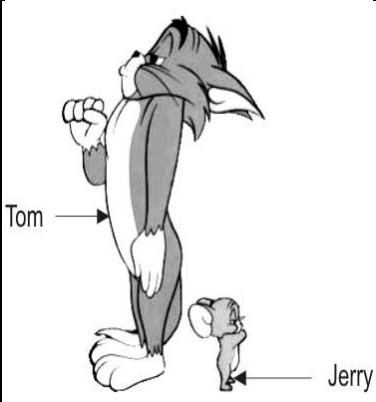
S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
5	5_29 Mathematics 11338	TRIANGLE AND ITS PROPERTIES Chapter-6	In the figure below, the base of the triangle is extended on both sides. Which of these can we NOT say with certainty?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						$a + b + c = 180^\circ$	$b + d = 180^\circ$	$c + e = 180^\circ$	$d + e = 180^\circ$

SET 14 MATHEMATICS CLASS VII (Triangle and its properties and Comparing Quantities)

6	3_18 Mathematics 3324	Comparing Quantities Chapter-8	Divya had some square cards. She cut some of them in half to make triangular cards. Now she has two types of cards with her. She makes the four different shapes shown below with her cards. Which shape has the LEAST area?		A	
		Answer Options				
		Option A	Option B	Option C		Option D
		 A.	 B.	 C.	 D.	

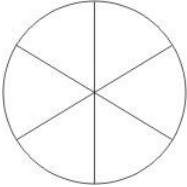
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)	
7	3_19 Mathematics 2719	Comparing Quantities Chapter-8	A towel set consisting of a towel and 6 small napkins costs Rs. 200. If the cost of each napkin is Rs. 95 less than the cost of the towel, what is the cost of the towel?		B	
		Answer Options				
		Option A	Option B	Option C		Option D
		Rs. 140	Rs. 110	Rs. 105	Rs. 95	


SET 14 MATHEMATICS CLASS VII (Triangle and its properties and Comparing Quantities)

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
8	3_19 Mathematics 2691	COMPARING QUANTITIES Chapter-8	In the picture below, the ratio of Jerry's height to that of Tom is about		B
Answer Options					
		Option A	Option B	Option C	Option D
		03:07	01:04	04:01	06:01

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)
9	1_2 Mathematics 6878	Comparing Quantities Chapter-8	Which of the following is a meaningless statement?		D
Answer Options					
		Option A	Option B	Option C	Option D
		The population of a city increased by 120% last year	Ramesh made a profit of 110% while selling his scooter.	The passing mark for the English test was 33.3%	105% of multi-storied buildings in India are unsafe.

10	3_18 Mathematics 3316	Comparing Quantities Chapter-8	100% of a number n is equal to		B
Answer Options					
		Option A	Option B	Option C	Option D
		$0.01n$	n	$10n$	$100n$

Q No.	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
11	5-26 Mathematics 1714	Comparing Quantities Chapter-8	Jatin has divided a circle into six identical parts as shown. How many of them should he colour if he wants to colour one third of the circle?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						One	Two	Three	Four

12	5-26 Mathematics 1728	Comparing Quantities Chapter-8	The bookmark shown here has a reduced size version of a painting of 3 flower vases. If the sides of the bookmark and that of the actual painting are proportional, which of these could have been the dimensions of the original painting?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						1.9 m x 1.2 m	1.8 m x 0.4 m	2 m x 0.9 m	2.4 m x 0.3 m

13	5-26 Mathematics 1716	Comparing Quantities Chapter-8	In a cricket match, India had scored 104 runs (for the loss of 2 wickets) by the end of the 20 over. If they maintain the same run rate without losing any more wickets, what would be their final score at the end of 50 overs?	C			
			Answer Options				
			Option A		Option B	Option C	Option D
			156 for 2		208 for 2	260 for 2	312 for 2

14	5-26 Mathematics 1715	Comparing Quantities Chapter-8	Vineeta carried out a survey in her colony and found that $\frac{3}{8}$ of the families living in the colony owned a pet. What is the ratio of the number of families who own a pet to that of those who don't?	A			
			Answer Options				
			Option A		Option B	Option C	Option D
			03:05		03:08	03:11	08:11

SET 14 MATHEMATICS CLASS VII (Triangle and its properties and Comparing Quantities)

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer
15	5_27 Mathematics 8353	Comparing Quantities Chapter-8	Tiny Tots school has one teacher for every 12 students. If there are 588 students at the school, which of the following relations is true about the number of teachers, x?		B
Answer Options					
Option A		Option B		Option C	
$\frac{12}{1} = \frac{x}{588}$		$\frac{1}{12} = \frac{x}{588}$		$\frac{x}{12} = \frac{1}{588}$	
$\frac{x}{1} = \frac{12}{588}$		$\frac{x}{1} = \frac{12}{588}$		$\frac{x}{1} = \frac{12}{588}$	

SET 15 MATHEMATICS CLASS VII (Comparing Quantities)

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
1	5_27 Mathematics 8354	Comparing Quantities Chapter-8	Write the following in increasing order: 0.65,6, 7, 7%, 68%		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						0.65, 6 ,7, 7%, 68%	7%, 0.65, 6,7, 68%	7%, 0.65, 68%, 6 ,7	7%, 6 ,7, 0.65, 68%



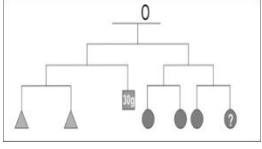
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)				
2	5_27 Mathe matic s 8361	Comparing Quantities Chapter-8	Rajni noted down a friend's phone number as 246807 without realizing that she had interchanged two digits. This number exceeds the actual number by almost 6000. What is the actual phone number?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						248607	240867	247806	264807

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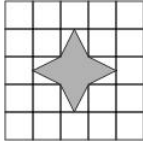
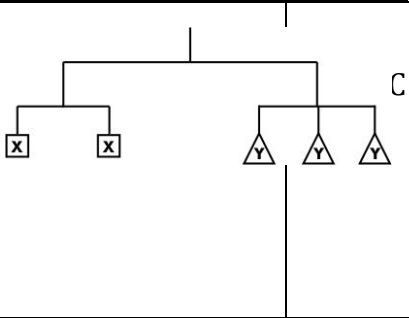
Q · N	Folde r name & Quest ion Code	Topic	Question with Answer Options	Imag e (If Any)	Corr ect Ans wer (Opti on - A,B,C, D)
3	5_27 Mathe matic s 8367	Comparing Quantities Chapter-8	A soap factory had two machines - the first produces 1 detergent cake every 20 seconds and the second produces 12 cakes every 5 minutes. Which machine is more efficient and how much more?		D
Answer Options					
		Option A	Option B	Option C	Option D
		Both are equally efficient.	The first machine is 4 times as efficient as the second	The second machine is 3 times as efficient as the second.	The first machine is 4/5 times as efficient as the second.

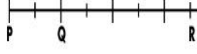
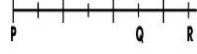
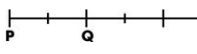
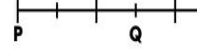
Q · N	Folder name & Quest ion Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)
4	5_27 Mathe matic s 8371	Comparing Quantities Chapter-8	Which of the following represents the greatest percent of change?		B
Answer Options					
		Option A	Option B	Option C	Option D
		A plant that was 20 cm in height last week is now 24 cm tall.	A journey that used to take 6 hours earlier now takes 2 hours.	A child who weighed 3 kg at birth now weighs 4 kg.	A T-shirt originally priced at Rs. 125 is now being sold at Rs.120.


5	3_18 Mathematics 3322	Comparing Quantities Chapter-8	Two thirds of the students in a class are girls. What percentage of students in the class are BOYS?		C
		Answer Options			
		Option A	Option B	Option C	Option D
		25%	30%	33%	66%


6	1_2 Mathematics 6875	Comparing Quantities Chapter-8	<p>The structure shown here is made of some objects and sticks which are almost weightless. It is hanging from O and each level is balanced exactly, as shown.</p> <p>if  weighs 30 grams, then  weighs?</p>		C
		Answer Options			
		Option A	Option B	Option C	Option D
		60 grams	30 grams	15 grams	22.5 grams

SET 15 MATHEMATICS CLASS VII (Comparing Quantities)

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
7	1_2 Mathematics 6887	Comparing Quantities Chapter-8	With 1 ml of paint, Rishita can paint two of the small boxes shown. How much paint will she be needed to cover 5 of the stars shown?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						3.75 ml	5 ml	7.5 ml	15 ml
8	1_2 Mathematics 6888	Comparing Quantities Chapter-8	Which of these could have a mass of about 5 kg?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						A pillow	A cricket bat	A heavy school bag	A scooter or motorcycle
9	1_4 Mathematics 7547	Comparing Quantities Chapter-8	In the given structure, the two sides are evenly balanced. The ratio of the mass of X to the mass of Y is		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						01:02	02:03	03:02	02:01


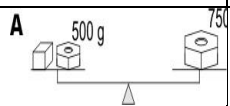
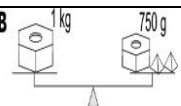
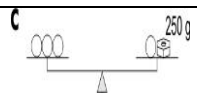
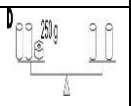
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
10	1_4 Mathem atics 7552	Comparing Quantities Chapter-8	In which of the following cases is $PR : PQ = 5 : 2$?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
 A		 B		 		 D			
11	3_18 Mathem atics 3315	Comparing Quantities Chapter-8	Which of the following could be 1 m^3 ?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
Size of mobile screen		Size of a square table cover		Height of a room of a house		Space occupied by a cupboard			

12	3_18 Mathematics 3320	Comparing Quantities	About how much water does this jar contain?			B	
		Chapter-8					
		Answer Options					
		Option A	Option B	Option C			Option D
		250 ml	700 ml	800 ml	900 ml		

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)		
13	3_18 Mathematics 3335	Comparing Quantities	Mrs. Mishra bought a bottle of tonic like this for her baby daughter.		C		
		Chapter-8	Every morning Mrs. Mishra gives 2.5 ml of tonic from this bottle to her daughter. How long would the tonic in the bottle last?				
		Answer Options					
		Option A	Option B			Option C	Option D
		about 1 week	about 1 month	about 3 months	about 10 months		


14	3_18 Mathematics 3340	Comparing Quantities Chapter-8	If the area of rectangle MNOP is 30 sq cm, what is the area of the shaded part?					B
		Answer Options						
		Option A	Option B	Option C	Option D			
		8 sq cm	12 sq cm	13.3 sq cm	14 sq cm			

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)		
15	3_18 Mathematics 3330	Comparing Quantities Chapter-8	The picture of a mango tree is shown below. If the actual WIDTH of the tree is 6 metres, what is its height?		D		
		Answer Options					
		Option A	Option B	Option C		Option D	
		4.8 metres	6 metres	7 metres		7.5 metres	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)	
1	1_2 Mathematics 6886	Comparing Quantities Chapter 8	 represent blocks of different material having different weights. Their weights are not known. Which of the following scales can NEVER be balanced?		D	
		Answer Options				
		Option A	Option B	Option C		Option D
						

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)	
2	3_19 Mathematics 2707	Comparing Quantities Chapter 8	The ratio of girls to boys in a class is 3 : 2. Which of the following can be found from this information alone?		A	
		Answer Options				
		Option A	Option B	Option C		Option D
		The percentage of girls in the class	The number of boys in the class	The total number of students in the class	The ratio of boys to girls in the whole school	

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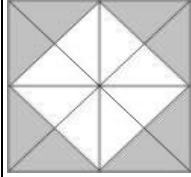
Q · N	Folder name & Questi on Code	Topic	Question with Answer Options	Imag e (If Any)	Corre ct Answ er (Opti on - A,B,C, D)		
3	5_27 Mathe matics 8373	Comparing Quantities Chapter 8	Salim and Rajat are looking at the menu card of a restaurant, a part of which is shown here: Salim and Rajat want to order a drink each and Salim does not want a soft drink. If the rate of sales tax is 7% on the order, and they have just Rs. 50 between them, what could they order?		D		
Answer Options							
Option A		Option B		Option C		Option D	
2 soft drinks		2 milk shakes		1 cold coffee and 1 fruit juice		1 soft drink and 1 cold coffee	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
4	2_10 Mathematics 5813	Comparing Quantities Chapter 8	If x is reduced by 25%, the result will be:		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						0.25x	25x	0.75x	75x
5	2_10 Mathematics 5824	Comparing Quantities Chapter 8	<p>The question is based on the pie-chart shown.</p> <p>A survey was conducted among 660 students of a certain city in which each student was asked to name the profession of his or her choice. The result of the survey is shown in the pie chart.</p> <p>How many students want to take up Teaching as a profession?</p>	<p>7</p> <p>ENGINEERING (25%) TEACHING (15%) RESEARCH (10%) MEDICINE (20%) OTHERS (30%)</p>	C				
						Answer Options			
						Option A	Option B	Option C	Option D
						15	66	99	132

6	2_10 Mathematics 5825	Comparing Quantities Chapter 8	What percentage of students has named a profession OTHER THAN Medicine or Engineering as their preference?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						30%	45%	55%	65%

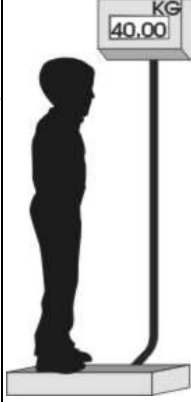
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)								
7	2_10 Mathematics 5829	Comparing Quantities Chapter 8	<p>Given here is a list of things Mrs. Cherian bought from a vegetable seller one day.</p> <p>On reaching home, she wants to check the weight of each item on the list. She has weighing scales of the kind shown and three weights. The weight (mass) of which item will she NOT be able to check?</p>	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>Ginger</td> <td>100 g</td> </tr> <tr> <td>Methi leaves</td> <td>175 g</td> </tr> <tr> <td>Ladies fingers (Bhindi)</td> <td>200 g</td> </tr> <tr> <td>One cauliflower</td> <td>350 g</td> </tr> </table> 	Ginger	100 g	Methi leaves	175 g	Ladies fingers (Bhindi)	200 g	One cauliflower	350 g	C
Ginger	100 g												
Methi leaves	175 g												
Ladies fingers (Bhindi)	200 g												
One cauliflower	350 g												

		Answer Options					
		Option A	Option B	Option C	Option D		
		The ginger	The methi leaves	The ladies fingers	The cauliflower		
8	2_10 Mathematics 5831	Comparing Quantities	The ratio of the length of line l to that of line m is about				
		Chapter 8					
		Answer Options					
		Option A	Option B	Option C	Option D		
		03:01	02:01	01:03	01:02		
9	2_10 Mathematics 5832	Comparing Quantities	When this rectangle is seen under a magnifying glass, side QR appears to be 6 cm. Nearly how many centimetres long will PQ appear under the magnifying glass?				
		Chapter 8					
		Answer Options					
		Option A	Option B	Option C	Option D		
		4	8	9	10		

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
10	5-28 Mathematics 10006	Comparing Quantities Chapter 8	What percent of the square is shaded?		D
Answer Options					
Option A		Option B	Option C	Option D	
4%	25%	40%	50%		

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
11	5-28 Mathematics 10016	Comparing Quantities Chapter 8	Koyna made a pattern with red and yellow tiles, with the yellow tiles forming 25% of the whole pattern. What is the ratio of the YELLOW tiles to the RED ones in the pattern?		B

Answer Options			
Option A	Option B	Option C	Option D
3:4	1:3	1:4	1:25

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
12	5_28 Mathe matics 10017	Comparing Quantities Chapter 8	This is what Arjun weighed last winter. During the year, his weight increased by 10%. What would be his weight this winter?		C
Answer Options					
		Option A	Option B	Option C	Option D
		40.1 kg	41 kg	50 kg	50 kg

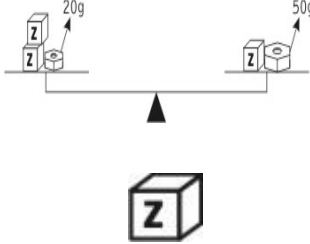
13	2_11 Mathem atics 4403	Comparing Quantities Chapter 8	The water content of a raw potato is about 85% by weight. If 2 Kg of potatoes are sliced and dried up completely by keeping in sunlight, what will they weigh?		A
Answer Options					
		Option A	Option B	Option C	Option D


		300g	850 g	1 Kg 150 g	1 Kg 750 g	
--	--	------	-------	------------	------------	--

14	2_11 Mathe matics 5240	Comparing Quantities	The diameter of a TENNIS BALL would be about.			C
		Chapter 8				
		Answer Options				
		Option A	Option B	Option C	Option D	
		0.5 mm	5 mm	50 mm	500 mm	

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Corre ct Answ er
15	5_29 Mathematics 11334	COMPARING QUANTITIES Chapter 8	90 for every 100 is the same as_ ___for every 200.		C

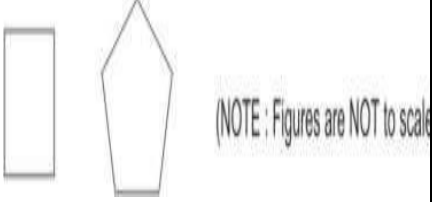
		Answer Options			
		Option A	Option B	Option C	Option D
		210	190	180	90

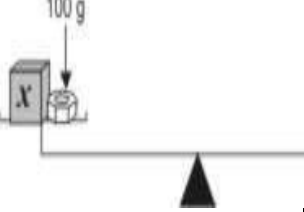
Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)		
1	5_29 Mathematics 11347	Comparing Quantities Chapter 8	See the weighing machine given with some identical cubes marked 'Z'. How many grams does 'Z' weigh?		C		
Answer Options							
Option A		Option B		Option C		Option D	
15		25		30		50	

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)		
2	5_29 Mathematics 11348	Comparing Quantities Chapter 8	Francis bought an ALTUS PC in May 2006. What is the total price that he would be paying for it?		D		
Answer Options							
Option A		Option B		Option C		Option D	
Rs. 5000		Rs. 32000		Rs. 35500		Rs. 37000	

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)		
3	5_29 Mathematics 11351	Comparing Quantities Chapter 8	If 6 men take 4 days to complete a job, how many days will 12 men take?		A		
Answer Options							
Option A		Option B		Option C		Option D	
2 days		3 days		8 days		9 days	

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)		
4	5_29 Mathematics 11360	Comparing Quantities Chapter 8	Tina called her friends Shama, Jenny, Roma and Aashka over to her house to play. They all arrived at Tina's house at different times. Shama arrived 5 minutes after Jenny but 10 minutes before Aashka. Roma and Tina were playing chess when Jenny arrived. In what order did they arrive at Tina's house?		A		
Answer Options							
Option A		Option B		Option C		Option D	
Roma, Jenny, Shama, Aashka		Jenny, Roma, Shama, Aashka		Roma, Shama, Jenny, Aashka		Jenny, Shama, Aashka, Roma	

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B, C,D)
5	5_28 Mathematics 10023	Comparing Quantities Chapter 8	A square and a regular pentagon have the same perimeter. What is the ratio of a side of the square to that of the pentagon?		A
Answer Options					
Option A		Option B	Option C	Option D	
05:04		04:05	25:16	16:25	

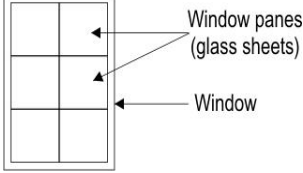
Q · N	Folder name & Questio n Code	Topic	Question with Answer Options	Imag e (If Any)	Correct Answer (Option A,B,C,D)	
6	5_28 Mathe matics 10024	Comparing Quantities Chapter 8	A weighing scale with two objects x and y is shown below: Which of the following relations about the weights of x and y is true?		A	
		Answer Options				
		Option A	Option B	Option C		Option D
		x is 400 g heavier than y.	X is 400 g lighter than y.	y is 5 times as heavy as x.		x and y weigh the same.

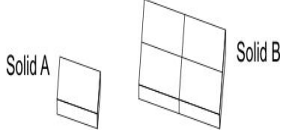
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
7	3_19 Mathematics 2697	RATIONAL NUMBERS Chapter 9	8 children have to share two thirds of a watermelon equally. What part of the whole watermelon would each child get?		A				
						Answer Options			
						Option A	Option B	Option C	Option D
$\frac{2}{3} \div 8$	$8 \div \frac{2}{3}$	$\frac{2}{3} \times 8$	$8 \div \frac{3}{2}$						

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
8	1_4 Mathematics 7571	Rational Numbers Chapter 9	A teacher thinks of a number and asks her class to guess it. She writes some clues on the board: What is the number?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
4564	4554	4545	4544						

9	1_4 Mathem atics 7572	Rational Numbers Chapter 9	<p>In a knock-out type tournament, the winners of the first round meet in the second round and the losers are knocked out of the tournament. Similarly, the winners of the second round meet in the third round, while the losers are knocked out, and so on. In any round, if the number of players is odd, one player gets a walk-over.</p> <p>What will be the total number of matches played in a tournament with 8 participants?</p>		B	
		Answer Options				
		Option A	Option B	Option C		Option D
		6	7	8		10

10	1_4 Mathem atics 7573	Rational Numbers Chapter 9	<p>In a knock-out type tournament, the winners of the first round meet in the second round and the losers are knocked out of the tournament. Similarly, the winners of the second round meet in the third round, while the losers are knocked out, and so on. In any round, if the number of players is odd, one player gets a walk-over.</p> <p>In a tournament where the total number of matches played is 5, the number of participants must be</p>		C	
		Answer Options				
		Option A	Option B	Option C		Option D
		4	5	6		7

11	1_2 Mathematics 6862	Rational Numbers Chapter 9	Arpit's house has eight windows like the one shown here. Arpit and his sister had to clean all the windows by themselves. Arpit's sister cleans 4 windows fully and 2 panes of the fifth one. What part of the whole work did Arpit do?		D	
		Answer Options				
		Option A	Option B	Option C		Option D
		$13/3$	$11/3$	$11/18$	$11/24$	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)	
12	1_2 Mathematics 6866	Rational Numbers Chapter 9	Solid B is made up of smaller pieces which are identical to Solid A. The volume of Solid B will be		D	
		Answer Options				
		Option A	Option B	Option C		Option D
		30% of Solid A	40% of Solid A	300% of Solid A	400% of Solid A	

Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)																											
13	3_19 Mathematics 2706	Rational Number Chapter 9	Parthiv has to complete the following divisibility table for homework. For which of the numbers should he put ✓ in all three columns?	<table border="1"> <thead> <tr> <th rowspan="2">Number</th> <th colspan="3">Divisible by</th> </tr> <tr> <th>3</th> <th>5</th> <th>11</th> </tr> </thead> <tbody> <tr> <td>2436</td> <td>✓</td> <td>x</td> <td>x</td> </tr> <tr> <td>888</td> <td></td> <td></td> <td></td> </tr> <tr> <td>27720</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6363</td> <td></td> <td></td> <td></td> </tr> <tr> <td>55055</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Number	Divisible by			3	5	11	2436	✓	x	x	888				27720				6363				55055				B
				Number		Divisible by																										
3	5	11																														
2436	✓	x	x																													
888																																
27720																																
6363																																
55055																																
Answer Options																																
		Option A	Option B	Option C	Option D																											
		888	27720	6363	55055																											

14	1_2 Mathematics 6861	Rational Numbers Chapter 9	The sum of the ages of 5 children is 20 years. After how many years will the sum of their ages be 40 years?		A
		Option A	Option B	Option C	Option D
		4	5	10	20

SET 17 Mathematics Class VII

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
15	1_4 Mathematics 7562	Rational Numbers Chapter 9	<p>Out of 8 almirahs in a Library,3 contains books related to Languages and 3 are filled with books of Science. The remaining almirahs are equally distributed for organising the books of Social Science and Mathematics.</p> <p>What fraction of total almirahs are occupied by books of Mathematics?</p>		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						$\frac{3}{8}$	$\frac{3}{16}$	$\frac{3}{24}$	$\frac{3}{32}$

1	1_4 Mathematics 7563	Rational Numbers Chapter 9	Which of the following will be equal to $\frac{1}{4}$?		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		one hundredth of 250	50% of 5	100% of 0.25	40% of 1	
2	1_4 Mathematics 7569	Rational Numbers Chapter 9	The HCF of two numbers O and Δ is the number O itself. This can be true ONLY if		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		Δ and O do not have any common factors	Δ is a factor of O	Δ is a multiple of O	O and Δ are equal	

SET 18 Mathematics Class VII

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
3	3_18 Mathematics 3309	Rational Numbers Chapter 9	90 for every 100 is the same as _____ for every 200.		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						210	190	180	90
4	3_18 Mathematics 3316	Rational Numbers Chapter 9	A number when divided by 6 leaves 0 as remainder. What remainder will it leave when divided by 2?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						4	3	2	0

5

3_18
Mathematics

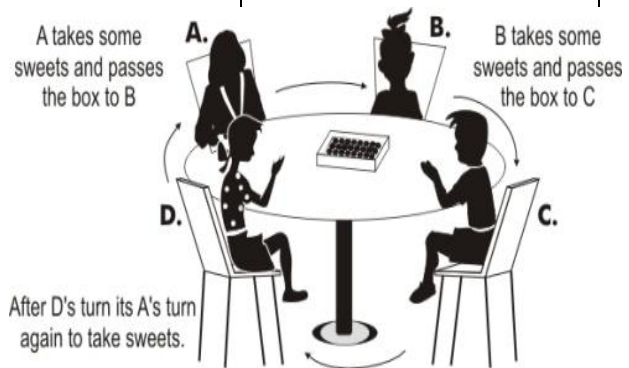
3344

Rational
Numbers
Chapter 9

Four children A, B, C and D are sitting around a table with a box containing 30 sweets. Starting with A, the box is passed around the circle with every child in turn taking a few sweets and then passing the box on to the next child. This goes on till each child has had TWO turns and the box has become empty.

The number of sweets remaining in the box after each child has taken her turn is shown below.

Number of sweets REMAINING in the box after	
A's first turn	26
B's first turn	21
C's first turn	18
D's first turn	15
A's second turn	11
B's second turn	10
C's second turn	4
D's second turn	0



Who took the maximum number of sweets?

C


Answer Options

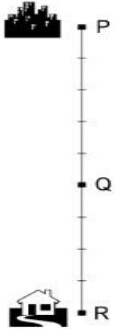
Option A	Option B	Option C	Option D
A	B	C	D

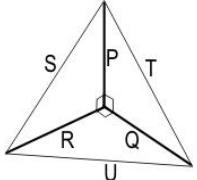
6	2_10 Mathematics 5827	Rational Numbers Chapter 9	Which of these is a true statement?		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		A number divisible by 9 must be divisible by 6.	A number divisible by both 2 and 4 must be divisible by 8.	Every multiple of 9 is a multiple of 3.	Every even number is a multiple of 4.	

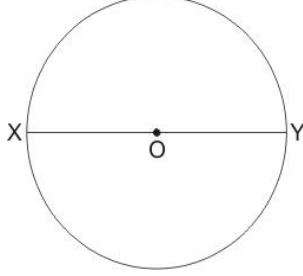
7	2_10 Mathematics 5839	Rational Numbers Chapter 9	How many two-digit ODD numbers are there in which the digit in the units (ones) place is three times the digit in the tens place?		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		1	2	3	5	

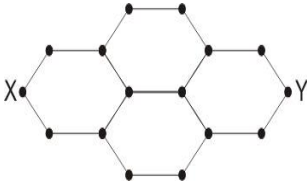
8	1_4 Mathematics 7541	Rational Numbers Chapter 9	How much is 5 lacs 50 thousands + 4 thousands 5 hundred ?		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		5,05,000	5,54,500	5,40,500	5,95,000	
9	1_4 Mathematics 7561	Rational Numbers Chapter 9	<p>The pie-chart shows the distribution of books in Pragati School's library in the GENERAL and SUBJECT categories.</p> <p>What percentage of books in the library are Subject related?</p>		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		80%	75%	60%	25%	

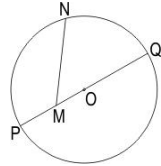
Q · N	Folde r name & Quest ion Code	Topic	Question with Answer Options	Imag e (If Any)	Corr ect Ans wer (Opti on - A,B,C, D)	
10	5_29 Mathe matic s 11353	Rational Numbers Chapter 9	About how much water does this jar contain?		B	
		Answer Options				
		Option A	Option B	Option C		Option D
		250 ml	700 ml	800 ml	900 ml	


11	1_2 Mathemat ics 6873	Practical Geometry Chapter 10	<p>Pawan and Ramesh are standing at the point marked Q on a straight road. Pawan's house (marked P) is 5 km to the north-west of Q. Ramesh's house is marked R. It is also on the same road - its exact position is shown in the figure.</p> <p>What is the position of Ramesh's house with respect to Pawan's house?</p>		C	
		Answer Options				
		Option A	Option B	Option C		Option D
		9 km south	10 km south	9 km south-east	9 km south-west	

12	1_2 Mathematics 6881	Practical Geometry Chapter 10	Three sticks P, Q and R of the same size are put together so that each one is perpendicular to the other two. Three longer sticks S, T and U are then placed to make a frame as shown. How many triangles will be got, and of what type?		D
		Answer Options			
		Option A	Option B	Option C	Option D
		3: all right triangles	3: one right triangle and two obtuse-angled triangles	4: one right triangle, two obtuse-angled triangles and one acute-angled triangle	4: three right triangles and one acute-angled triangle

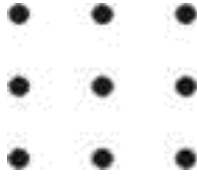
13	3_18 Mathematics 3327	Practical Geometry Chapter 10	A circle has centre O and diameter 12 cm. A point P has to be marked on XY such that $XP = 8$ cm. What will be the position of point P?		B
		Answer Options			
		Option A	Option B	Option C	Option D
		between points X and O	between points Y and O	at point O	at point Y

14	3_18 Mathematics 3343	Practical Geometry Chapter 10	See the figure. You have to move from point X to point Y along the lines of the figure so that you pass through the MAXIMUM number of dots possible. (You are NOT allowed to go over any part or point twice). What is the maximum number of dots that you could pass through while going from X to Y? (Including X and Y)					C
		Answer Options						
		Option A	Option B	Option C	Option D			
		8	11	14	16			

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)		
15	1_2 Mathematics 6860	Practical Geometry Chapter 10	In the given figure, O is the centre of the given circle. Which of the following option is correct?		C		
		Answer Options					
		Option A	Option B	Option C		Option D	
		O is a point on the circle.	MN is called a chord.	PQ is the diameter of the circle.		N — Q is called a sector of the circle.	

1	2_10 Mathematics 5823	Practical Geometry Chapter 10	If we add the number of REVOLUTIONS made by the hour hand and the minute hand in a day (24 hours), we would get:		B	
		Answer Options				
		Option A	Option B	Option C		Option D
		25	26	72		84

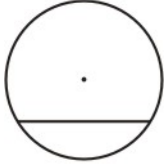
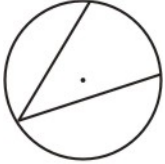
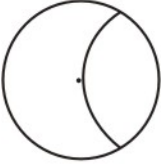

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)	
2	2_11 Mathematics 4410	Practical Geometry Chapter 10	Dhruv's alarm clock gains 3 seconds every minute. Every night at 10:00 PM, he adjusts the clock to show the correct time and sets the alarm for 6:20 AM. What is the ACTUAL time when Dhruv's alarm clock rings in the morning?		B	
		Answer Options				
		Option A	Option B	Option C		Option D
		5:36 AM	5:55 AM	5:20 AM		6:45 AM

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)				
3	5_28 Mathe matics 10028	Practical Geometry Chapter 10	How many DIFFERENT sized squares can be drawn using the dots of the grid below as corners ?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						4	3	2	1

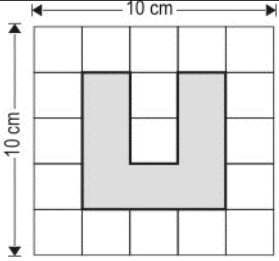
Q. N	Folder name & Questio n Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option- A,B,C,D)
4	3_19 Mathematic s	Perimeter and area Chapter 11	Kuljeet has a square field. It cost him Rs. 2000 to fence the entire field at the rate of Rs. 20 per metre. What is the length of each side of his field?		B
Answer Options					
		Option A	Option B	Option C	Option D
10 m		25 m	50 m	100 m	
2715					

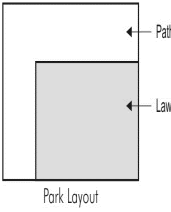
Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
5	3_19 Mathematics	Perimeter and area Chapter 11	What is the area of the inner rectangle in this figure?		B
Answer Options					
2722		Option A	Option B	Option C	
		132 sq. m	63 sq. m	60 sq. m	48sq .m

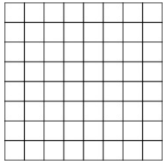
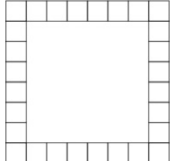
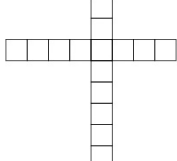

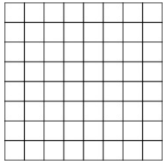
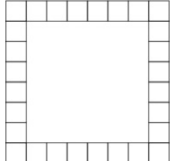
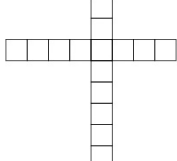

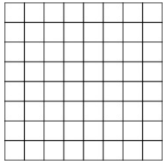
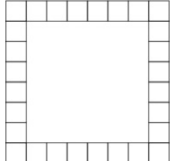
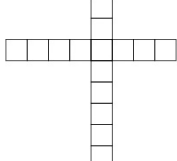

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
6	3_19 Mathematics 2705	PERIMETER AND AREA Chapter 11	Look carefully at the four shapes drawn on the grid below. Which two shapes have the same perimeter but different areas?		C
Answer Options					
		Option A	Option B	Option C	
		1 and 2	2 and 3	2 and 4	1 and 3

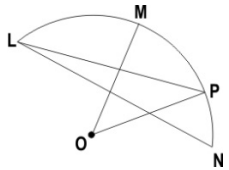
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
7	5_26 Mathe matics 1706	Perimeter and area Chapter 11	Which of these circles is divided into sectors?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
				A.	B.	C.	D.		

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
8	5_26 Mathe matics 1708	Perimeter and area Chapter 11	Which of the following measurements is most likely to be expressed in square metres?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
The capacity of a tank with a square base	The area of the surface of the moon	The distance between the opposite sides of a square field	The total surface of a room to be painted						

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)	
9	5_26 Mathe matics	Perimeter and area Chapter 11	What is the area of the shaded shape in the figure below		C	
Answer Options						
1721			Option A	Option B	Option C	Option D
			7 cm ²	14 cm ²	28 cm ²	70 cm ²

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)		
10	5_26 Mathe matics 1733	Perimeter and area Chapter 11	A rectangular park consists of a rectangular lawn with a path of uniform width on two sides. If the boundary of the entire park is 12 meters longer than of the lawn, what is the width of the path?		B		
Answer Options							
Option A		Option B		Option C		Option D	
1.5 m		3 m		6 m		Can't say from the given data	

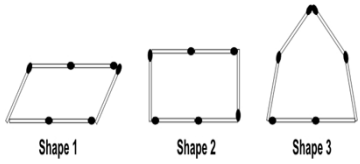
S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer												
11	5_27 Mathematics 8348	PERIMETER AND AREA Chapter 11	Which of the following correctly models 8^2 ?		A												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="441 562 1539 621">Answer Options</th> </tr> <tr> <th data-bbox="441 625 695 684">Option A</th> <th data-bbox="701 625 954 684">Option B</th> <th data-bbox="961 625 1214 684">Option C</th> <th data-bbox="1221 625 1539 684">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="441 693 695 987">  </td> <td data-bbox="701 693 954 987">  </td> <td data-bbox="961 693 1214 987">  </td> <td data-bbox="1221 693 1539 987">  </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
Answer Options																	
Option A	Option B	Option C	Option D														
																	

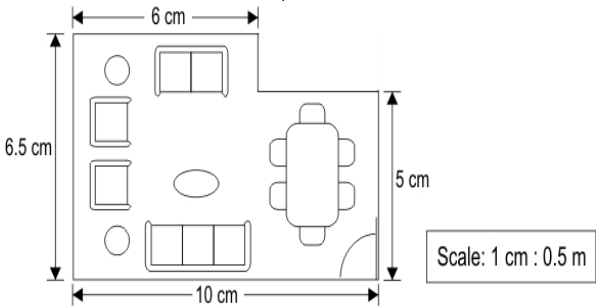
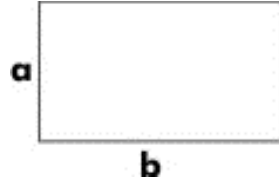
<p>12</p>	<p>5_27 Mathematics 8350</p>	<p>PERIMETER AND AREA Chapter 11</p>	<p>An arc LN of a circle with centre O is shown here. Which of the following is a diameter of the circle?</p>		<p>D</p>
		<p>Answer Options</p>			
		<p>Option A</p>	<p>Option B</p>	<p>Option C</p>	<p>Option D</p>
		<p>LP</p>	<p>OM</p>	<p>LN</p>	<p>None of these</p>


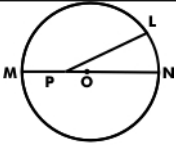
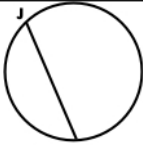
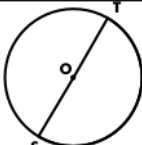
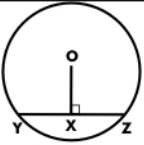
SET 19 MATHEMATICS CLASS VII

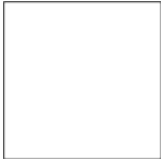

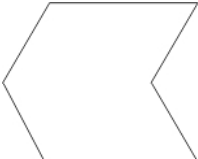
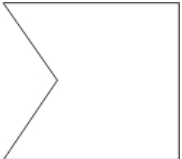
S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer										
13	5_27 Mathematics 8355	Perimeter and Area Chapter 11	What happens to the area of a square if each of its sides is trebled?		D										
						<table border="1"> <thead> <tr> <th colspan="4">Answer 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>The area becomes double.</td> <td>The area becomes treble.</td> <td>The area becomes six times.</td> <td>The area becomes nine times.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B
Answer Options															
Option A	Option B	Option C	Option D												
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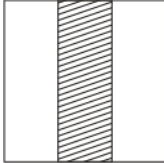
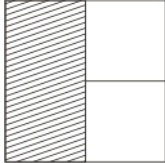
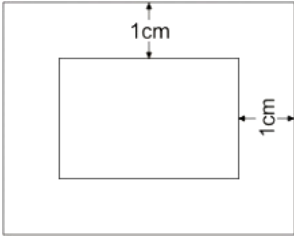
Q.N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)		
14	<p style="text-align: center;">5_27 Mathematics</p> <p style="text-align: center;">8364</p>	Perimeter and Area Chapter 11	The plan of a one-bedroom apartment is shown below. What is the area of the drawing room?		C		
Answer Options							
Option A		Option B		Option C		Option D	
35 sq m		40 sq m		41 sq m		56 sq m	

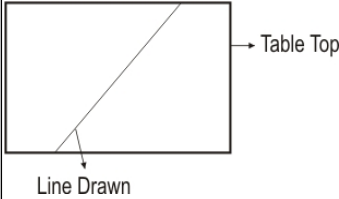
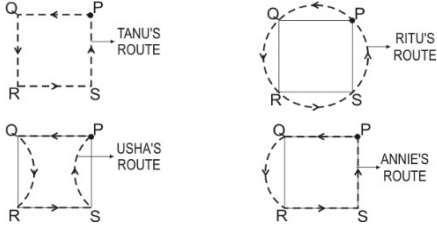
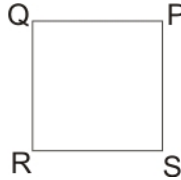
Q.N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)		
15	5_27 Mathematics 8372	Perimeter and Area Chapter 11	Wasim, Sameer and Mala have 6 matchsticks each - with which they have made 3 different shapes. If all the matchsticks are identical in every way, which of the following is correct?		B		
Answer Options							
Option A		Option B		Option C		Option D	
All 3 shapes have the same area and the same perimeter.		All 3 shapes have the same perimeter but different areas.		All 3 shapes have the same area but different perimeters.		All 3 shapes have the same area but only the first two have the same perimeter.	

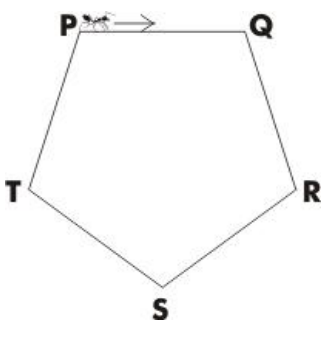
1	1_2 Mathematics 6868	Perimeter and Area Chapter 11	<p>See the plan of the room below. (The plan is the view when seen from the top).</p> <p>Each centimetre in the plan represents half a metre of actual length.</p> <p>What is the perimeter (in metres) of the room?</p>		C				
						Answer Options			
						Option A	Option B	Option C	Option D
			33	32.5	16.5	13.75			
2	1_4 Mathematics 7536	Perimeter and Area Chapter 11	<p>What is the perimeter of given rectangle?</p>		C				
						Answer Options			
						Option A	Option B	Option C	Option D
			$2a^2 + 2b^2$	$a^2 + b^2$	$2a + 2b$	ab			

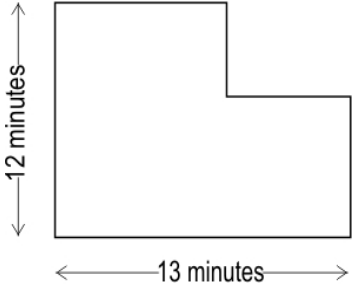
3	1_4 Mathematics 7546	Perimeter and Area Chapter 11	How many square strips having an area of 2 sq. cm will be required to cover the rectangular region shown here? (The strips can be cut if required, assume there is no wastage).		C		
		Answer Options					
		Option A	Option B			Option C	Option D
		30	44			88	354
4	1_4 Mathematics 7566	Perimeter and Area Chapter 11	Which of the circles below could have a radius of 2 cm? (wherever mentioned, O is the centre)		C		
		Answer Options					
		Option A	Option B			Option C	Option D
		 <p style="text-align: center;">LP=3cm A</p>	 <p style="text-align: center;">JK=4cm B</p>			 <p style="text-align: center;">ST=4cm C</p>	 <p style="text-align: center;">OX=2cm D</p>

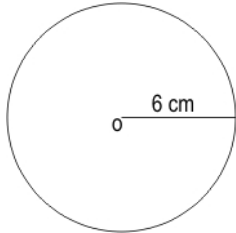
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)	
5	1_4 Mathematics 7568	Perimeter and Area Chapter 11	Which figure has the maximum perimeter?		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
						

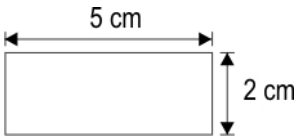
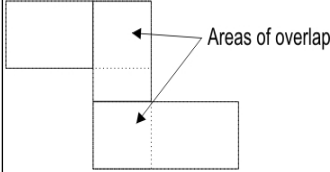
6	3_18 Mathematics 3307	Perimeter and Area Chapter 11	In which square the ratio of the shaded area to the unshaded area is 1:2?		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		 A.	 B.	 C.	 D.	
7	3_18 Mathematics 3332	Perimeter and Area Chapter 11	In the figure, the inner rectangle is drawn 1 cm inside the outer one. If the outer rectangle has a perimeter of 26 cm, what is the perimeter of the inner one?		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		24 cm	22 cm	20 cm	18 cm	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
8	3_18 Mathematics 3337	Perimeter and Area Chapter 11	<p>The top of a table is rectangular in shape. When a line is drawn on it as shown, the areas of the parts on the left and right are found to be 800 sq. cm and 900 sq. cm respectively.</p> <p>What is the total area of the table top?</p>		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						100 sq cm	850 sq cm	1700 sq cm	720000 sq cm
9	3_18 Mathematics 3341	Perimeter and Area Chapter 11	<p>PQRS is a square park. Four girls Ritu, Tanu, Annie and Usha run once around this park daily. All of them start and end at point P but each one takes a different route.</p>  <p>The names of the girls, in order from the one who runs the GREATEST distance to the one who runs the LEAST is</p>		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						Annie, Ritu, Usha, Tanu	Tanu, Ritu, Annie, Usha	Ritu, Annie, Tanu, Usha	Ritu, Usha, Annie, Tanu

Q N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option- A,B,C,D)
10	3_19 Mathematics 2729	Perimeter and Area Chapter 11	PQRST is a regular pentagon. An ant starts from corner P and crawls around the pentagon along the border. On which side of the pentagon will the ant be $\frac{5}{8}$ th of the total distance around the pentagon?		C
Answer Options					
Option A		Option B	Option C	Option D	
QR		RS	ST	TP	

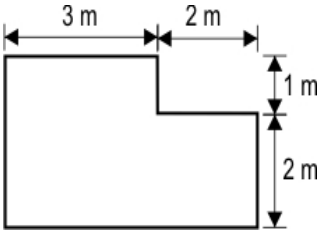
Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option A,B,C,D)		
11	5_27 Mathematics 8374	Perimeter and Area Chapter 11	Siddhant's average running speed is 200 m per minute. One day, he ran once around the park shown here. The time taken to cover two of the sides of the park is shown. What is the perimeter of the park if he ran the entire distance at his average speed ?		B		
Answer Options							
Option A		Option B		Option C		Option D	
8 km		10 km		25 km		Can't say	

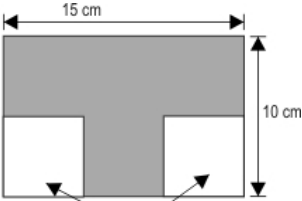
12	2_10 Mathematics 5835	Perimeter and Areas Chapter 11	The largest square piece that can be cut out from a circular piece of paper of radius 6 cm is the one with.		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						side 6 cm	perimeter 18 cm	diagonal 12 cm	side 12 cm

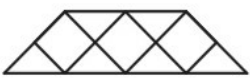
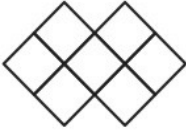
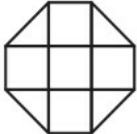
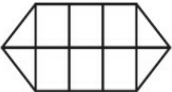
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
13	2_10 Mathematics 5840	Perimeter and Areas Chapter 11	Yatin takes THREE identical pieces of tape which are shaped like this:  and arranges them like given. What is the area of the new shape thus formed?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						30 sq cm	26 sq cm	22 sq cm	21 sq cm

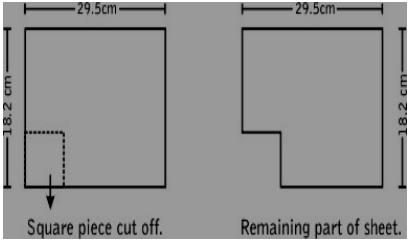
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
14	5_28 Mathematics 10021	Perimeter And Area Chapter 11	The grid below is made of squares of side 2 cm each. What is the area of the shape drawn on the grid?		D
Answer Options					
		Option A	Option B	Option C	Option D
		13 cm ²	21.5 cm ²	23 cm ²	26 cm ²

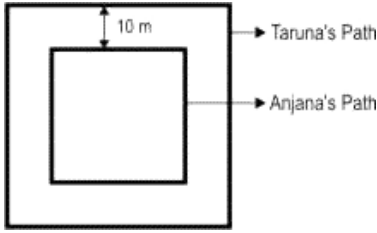
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)
15	2_10 Mathematics 5820	Perimeter and Areas Chapter 11	What is the correct way to find the PERIMETER of the shaded part of the given figure?		C
Answer Options					
		Option A	Option B	Option C	Option D
		length of arc PRQ - length of arc PSQ	length of arc PRQ + segment PQ - length of arc PSQ	length of arc PRQ + length of arc PSQ	length of arc PSQ + segment PQ

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
1	2_11 Mathematics 5215	Perimeter and Area Chapter 11	Devansh has a small patch of land for growing flowers with dimensions as shown. He wants to put a fence all around it 1 m outside its boundary. What length of fencing material will he need?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						16 m	18 m	20m	24 m

2	2_11 Mathematics 5241	Perimeter and Area Chapter 11	What is the area of the shaded part in the figure shown?	 <p style="text-align: center;">2 squares, side of each square = 5 cm</p>	D				
						Answer Options			
						Option A	Option B	Option C	Option D
						200 sq cm	150 sq cm	125 sq cm	100 sq cm

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer
3	5_29 Mathematics 11340	PERIMETER AND AREA Chapter 11	Divya had some square cards. She cut some of them in half to make triangular cards. Now she has two types of cards with her: She makes the four different shapes shown below with her cards. Which shape has the LEAST area?		A
Answer Options					
Option A		Option B		Option C	
					
					

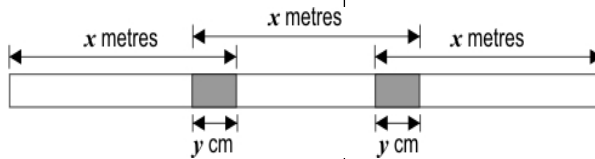
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)		
4	5_29 Mathematics 11342	Perimeter and Area Chapter 11	A square piece is cut off from a rectangular sheet of paper as shown in figure. Which of the following can be found even if the length of the side of the small square is not known?		C		
Answer Options							
Option A		Option B		Option C		Option D	
The perimeter of the small square cut off.		The area of the small square cut off.		The perimeter of the remaining part of the sheet.		The area of the remaining part of the sheet.	

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)
5	5_28 Mathematics 10027	Perimeter and Area Chapter 11	<p>Every morning, Taruna runs once completely around a square park, running along its border. Her sister Anjana also runs around the same park, but keeping along a square path 10 metres inside the border.</p> <p>If the distance covered by Taruna is 1600 m, what is the distance covered by her sister?</p>		B
Answer Options					
Option A		Option B	Option C	Option D	
400 m		1520 m	1560 m	1590 m	

Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
6	3_19 Mathematics 2692	ALGEBRAIC EXPRESSIONS Chapter 12	Which of the following expressions is the same as $4a + a + 5 - 3b$?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						$5a + 2b$	$4a^2 + 2b$	$5a - 3b + 5$	$10a - 3b$

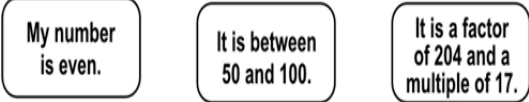
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
7	1_2 Mathematics 6863	Algebraic Expressions Chapter 12	What is the sum of $8a - 7b$ and $8b - 7a$?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						$2ab$	$16ab - 14ba$	$a + b$	$a - b$

8	1_2 Mathematics 6867	Algebraic Expressions Chapter 12	Anne's mother orders N boxes of sweets for Christmas. Each box contains 20 sweets. In one of the boxes, the sweets are found to be spoilt. Also x sweets are found crushed and cannot be offered to guests. How many sweets can Anne's mother give her guests?		B	
		Answer Options				
		Option A	Option B	Option C		Option D
		$20N - 1 - x$	$20(N - 1) - x$	$19N - x$		$(N - 1 - x) \cdot 20$
9	1_2 Mathematics 6882	Algebraic Expressions Chapter 12	Raghu is making streamers by joining strips of coloured paper as shown. Each of the strips is x" metres long and "y"cm is used up for pasting the ends of the strips together. The length of each streamer in metres will be?		C	
		Answer Options				
		Option A	Option B	Option C		Option D
		$3x + 2y$	$3x - 2y$	$3x - 0.02y$		$3x - 0.04y$



S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
10	1_2 Mathematics 6883	Algebraic Expressions Chapter 12	Krishna has a silk ribbon. If she was to cut it into 'x' equal pieces, the length of each piece would have been 'a' cm. If Krishna wants 'y' pieces, the length (in cm) of each piece would be		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						ay/x	xy/a	x/ay	ax/y
11	1_2 Mathematics 6889	Algebraic Expressions Chapter 12	What is three less than three times an unknown number 'x'?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						$x - 3$	$3x - 3$	$3(x - 3)$	$3 - 3x$

12	1_4 Mathematics 7564	Algebraic Expressions Chapter 12	Anita is a door-to-door saleswoman for a company selling bedcovers. The company pays her a fixed salary of Rs W every month and also a bonus of Rs Z for every bedcover sold by her. In March 2002, Anita sold 46 bedcovers. How much would her total earnings for March be?		B	
		Answer Options				
		Option A	Option B	Option C		Option D
		$(W + Z) \cdot 46$	$W + Z \cdot 46$	$(W + 46) \cdot Z$		$W \cdot Z \cdot 46$

S. No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
13	5_27 Mathematics 8349	ALGEBRAIC EXPRESSIONS Chapter 12	Aditya gives the following clues while playing 'Guess my Number' with a friend: What is Aditya's number?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
				102	85	68	52		

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
14	5_27 Mathematics 8351	Algebraic Expressions Chapter 12	If $x = 2$, $y = 3$, what is the value of $12 - 3(5x - 4y)$?		c				
						Answer Options			
						Option A	Option B	Option C	Option D
				6	-9	18	-18		

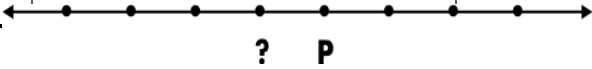
15	1_4 Mathematics 7555	Algebraic Expressions	If 'n' is an even number, the next even number will be				B
			Answer Options				
			Option A	Option B	Option C	Option D	
			$n + 1$	$n + 2$	$n + 3$	$2n$	

1	1_4 Mathematics	Algebraic Expressions	Which of the following can be written as $4a^2$			A	
		Chapter 12					
	7550	Answer Options					
		Option A	Option B	Option C	Option D		
$a^2 + a^2 + a^2 + a^2$	$4a + 4a$	$4 \times (a + a)$	$4 + a^2$				

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)	
2	3_18 Mathematics	Algebraic Expressions	Which of the following is equal to $8a$?		C	
		Chapter 12				
	3308	Answer Options				
		Option A	Option B	Option C	Option D	
$8 + a$	$a \times a \times a \times a \times a \times a \times a$	$a + a + a + a + a + a + a + a$	$7a + 1$			

3	3_18 Mathematics 3314	Algebraic Expressions Chapter 12	3x - 1 + 5y + 2 is equal to				D
			Answer Options				
			Option A	Option B	Option C	Option D	
			$2x + 7y$	$15xy + 1$	$8xy - 3$	$3x + 5y + 1$	

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)				
4	5_27 Mathematics 8376	Algebraic Expressions Chapter 12	Rupa covers 5x centimetres in one step. How many steps must she take to cover a distance of xy metres?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						$\frac{5x}{2y}$	y	5y	20y

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
5	2_10 Mathematics 5812	Algebraic Expressions Chapter 12	What must be added to $10xy$ to get $6y$?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						$-4x$	$-4xy$	$6y - 10xy$	It is not possible.
6	2_10 Mathematics 5830	Algebraic Expressions Chapter 12	If P is a negative integer, the integer to its immediate left on the number line is		A				
						? P			
						Option A	Option B	Option C	Option D
						$P - 1$	$P - 2$	$P + 1$	$P + 2$

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)	
8	5_29 Mathematics 11345	Algebraic Expressions Chapter 12	3x - 1 + 5y + 2 is equal to		D	
		Answer Options				
		Option A	Option B	Option C	Option D	
2x + 7y	15xy + 1	8xy - 3	3x + 5y + 1			

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)
9	5_29 Mathematics 11346	Algebraic Expressions Chapter 12	Mallika and Kishore have the same number of marbles. To have 100 marbles, they must pool their marbles together and then get 30 more. Which equation represents the above relationship?		D
Answer Options					
		Option A	Option B	Option C	Option D
		$60x = 100$	$30x = 100$	$30 + x = 100$	$30 + 2x = 100$

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
10	3_19 Mathematics 2693	EXPONENTS AND POWERS Chapter 13	The difference between $(-7)^2$ and $-(-7)^2$		A
Answer Options					
		Option A	Option B	Option C	Option D
		98	28	0	-28

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
11	3_19 Mathematics 2700	EXPONENTS AND POWERS Chapter 13	Which word should be inserted in the blank so that the following statement is ALWAYS true? The _____ of two numbers is 0 if any one of the numbers is 0.		D
Answer Options					
		Option A	Option B	Option C	Option D
		quotient	difference	sum	product

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer
12	5_27 Mathematics 8343	Exponents and powers Chapter 13	What will be the one's digit in the product $5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 2$?		A
Answer Options					
Option A		Option B		Option C	
0		2		5	
7					

S.No	Folder Number and Question Code	Topic	Question with Answer options	Image if any	Correct Answer				
13	5_27 Mathematics 8344	Exponents and powers Chapter 13	Which of the following is the same as $3a^2$?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						$3a + 3a$	$3 + a^2$	$a^2 + 2a^2$	$a^2 \times 2a^2$

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
14	1_2 Mathematics 6859	Exponents and powers Chapter 13	The value of 3^4 is		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						12	9^2	6^2	3^3

15	1_2 Mathem atics 6879	Exponents and powers Chapter 13	The value of $2^3 - (-2)^2 - 2^1 - (-2)^0$ is			B
		Answer Options				
		Option A	Option B	Option C	Option D	
		0	1	2	10	

1	1_2 Mathematics 6880	Exponents and powers Chapter 13	A worm with some magic powers, grows to "a" times its own length each week. If its length is "a" cm now, five weeks from now its length will be:		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		5a cm	a^5 cm	a^6 cm	6a cm	

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)	
2	1_4 Mathematics 7537	Exponents and powers Chapter 13	Which of the following can be written as $(-2)^3$?		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		-2×3	$-(3 \times 3)$	$(-2) \times (-2) \times (-2)$	$(-2) + (-2) + (-2)$	


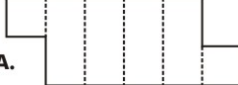
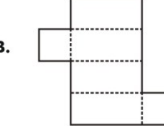


3	3_18 Mathematics 3306	Exponents and powers Chapter 13	$2 + 3^4$ is equal to		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		625	83	66	14	


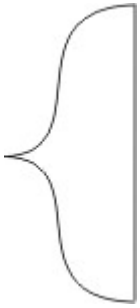



4	3_18 Mathematics 3308	Exponents and powers Chapter 13	Which statement describes the expression $p^2 - 7$ correctly?		D	
		Answer Options				
		Option A	Option B	Option C	Option D	
		Increase p by 2 and then subtract 7	Multiply p by 2 and then take away 7	Subtract 7 from a number and then double it	Multiply p by itself and then take away 7	


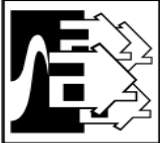



S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option - A,B,C,D)				
5	2_10 Mathematics 5821	Exponents and Power Chapter 13	Which of these can be expressed as a power of 5?		D				
						Answer Options			
						Option A	Option B	Option C	Option D
						$2^2 + 3^2$	$5 + 5 + 5 + 5 + 5 + 5$	$4 \times 4 \times 4 \times 4 \times 4$	$(7 - 2) \times (7 - 2) \times (7 - 2)$
6	2_10 Mathematics 5841	Exponents and Power Chapter 13	Which of the following is an even number?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						5^{10}	3^{12}	2^{13}	1^{100}

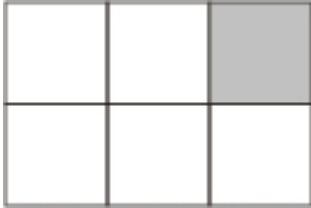
7	5_29 Mathematics 11327	EXPONENTS AND POWERS	Which of these can be expressed as 5^3 ?		D	
		Chapter 13				
		Answer Options				
		Option A	Option B	Option C		Option D
		$2^3 + 3^3$	$5 + 5 + 5$	$3 \times 3 \times 3 \times 3 \times 3$		$(7 - 2) \times (7 - 2) \times (7 - 2)$

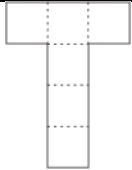
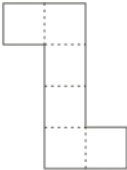
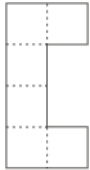
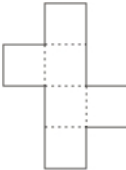
Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option- A,B,C,D)
8	3_19 Mathematics 2726	Symmetry Chapter 14	Look at the figures below. In each figure, the number of dots and the number of small squares form a pattern. How many dots are needed to form 25 squares?	<p style="font-size: small; text-align: center;">4 dots - 1 small square 9 dots - 4 small squares 16 dots - 9 small squares</p>	C
Answer Options					
Option A		Option B	Option C	Option D	
25	32	36	50		

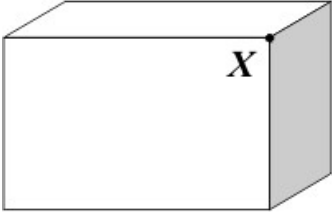
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
9	5_26 Mathe matics 1720	Symmetry Chapter 14	Look at this solid. Which of the following can be folded up along the dotted lines to form the solid shown above?		B
Answer Options					
		Option A	Option B	Option C	Option D
		<p>A.</p> 	<p>B.</p> 	<p>c.</p> 	<p>D.</p> 

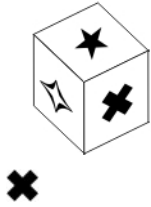
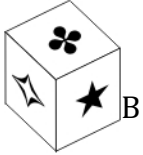
Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)		
10	5_27 Mathematics 8360	Symmetry Chapter 14	The above figure is rotated 90° clockwise. How will it look like after the rotation?		B		
Answer Options							
Option A		Option B		Option C		Option D	
							

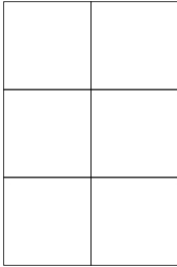
S. No.	Folde r name & Quest ion Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)
11	1_2 Math emati cs 6870	Symmetry Chapter 14	Here is the picture of some houses. What will be the result of rotating the above picture by 270° in a clockwise direction?		B
Answer Options					
		Option A	Option B	Option C	Option D
					
		A	B	C	D


Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
12	3_19 Mathematics 2728	Visualising Solid Shapes Chapter 15	Whole numbers from 1 to 6 have to be written in the six empty boxes below should be between 2 and 5. 1 should be directly below 5 and directly to the left of 3. According to this, which number comes in the shaded box?		A
Answer Options					
Option A		Option B	Option C	Option D	
2		3	4	5	

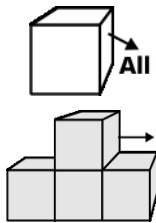
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
13	3_19 Mathematics 2701	VISUALISING SOLID SHAPES Chapter 15	Three of the cardboard cut-outs shown below form cubes when folded up along the dotted lines. Which cut-out does NOT form a cube when folded up?		C
Answer Options					
Option A		Option B	Option C	Option D	
 <p style="text-align: center;">A.</p>		 <p style="text-align: center;">B.</p>	 <p style="text-align: center;">C.</p>	 <p style="text-align: center;">D.</p>	


Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)
14	5_27 Mathematics	Visualising Solid Shapes Chapter 15	Which of the following statements is true about the edges meeting at corner X of the box shown below?		D
Answer Options					
8365					
		Option A	Option B	Option C	Option D
		3 edges meet at X and each edge is perpendicular to exactly one of the other two.	4 edges meet at X, one pair of edges is perpendicular and the other parallel.	3 edges meet at X and each edge is parallel to the other two.	3 edges meet at X and each edge is perpendicular to the other two.

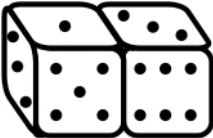
15	1_2 Mathematics 6864	Visualising Solid Figures Chapter 15	Two views of a cube (with different markings on each face) are shown below: Which will be on the face opposite to ?		
Answer Options					
Option A		Option B		Option C	
✧		✻		★	
				Can't be determined	

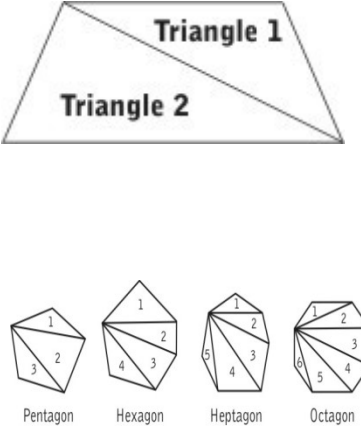
1	1_4 Mathematics 7543	Visualising Solid Figures Chapter 15	The diameter of a 5 RUPEE COIN would be about		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		2 mm	10 mm	20 mm	30 mm	
2	1_4 Mathematics 7574	Visualising Solid Figures Chapter 15	How many RECTANGLES are there in the figure shown which are NOT SQUARES ?		D	
		Answer Options				
		Option A	Option B	Option C	Option D	
		0	7	- 9	10	

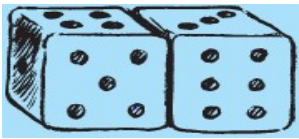
S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
3	1_4 Mathematics 7546	Visualising Solid Shapes Chapter 15	AT LEAST how many cubes of same size one needs to join together to form another LARGER SIZED CUBE?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						2	4	8	16

4	2_10 Mathematics 5815	Visualising solid shapes Chapter 15	Sanju has four cubes like given one.	 <p>All the faces are white</p> <p>All the exposed faces are painted blue</p>	B
			He sticks them together to form the solid shown here and paints it blue all over. A week later, he separates the four cubes.		
			What fraction of the total number of faces is WHITE?		
Answer Options					
Option A	Option B	Option C	Option D		
1/3	1/4	1/6	1/8		

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)				
5	5-28 Mathematics 10013	Visualising Solid Shapes Chapter 15	Look at the pattern of faces: If the pattern is continued, how many antennae will a 50-sided face have?		A				
						Answer Options			
						Option A	Option B	Option C	Option D
						48	49	50	52

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)				
6	2_10 Mathematics 5842	Visualizing Solid Shapes Chapter 15	Two similar dice are arranged as shown. In any die, the sum of the markings on any pair of opposite faces is 7. What is the total of the UNSEEN faces in the arrangement shown?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						18	22	24	Cannot be determined

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)		
7	5_29 Mathematics 11344	Visualising Solid Shapes Chapter 15	A quadrilateral can be divided into 2 triangles that are non-overlapping and don't intersect inside the quadrilateral. The following figure shows the number of non-overlapping triangles that some other polygons can be divided in a similar way. From this, we can say that when the number of sides of a polygon is p , the number of such non-overlapping triangles that it can be divided into is		A		
Answer Options							
Option A		Option B		Option C		Option D	
2 less than p .		half of p .		1 less than p .		equal to p .	

Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C, D)		
8	5_29 Mathematics 11355	Visualising Solid Shapes Chapter 15	Two dice are placed side by side as shown in figure. What would be the total on the face opposite to 5 + 6.		A		
Answer Options							
Option A		Option B		Option C		Option D	
3		4		5		6	