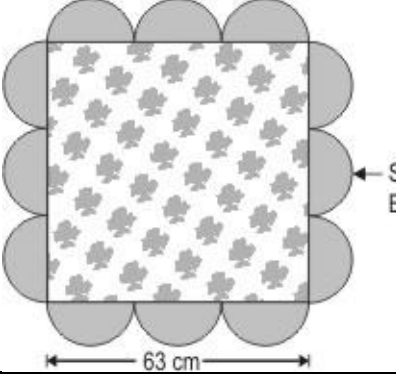
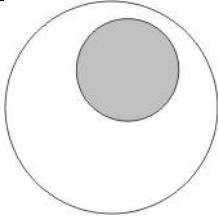
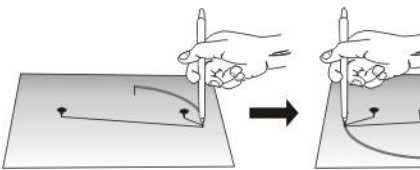


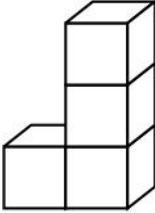
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
1	5_29 11419	Circles	Sunidhi's mother made a square table cloth with scalloped edges made of equal semi-circles as shown: If she wants to fix lace all along the scalloped edges, about how many metres of lace would she need?		A
<b>Answer Options</b>					
Option A		Option B		Option C	
4		6		8	
				12	

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 2783	CIRCLES	Sania drew a quadrilateral PQRS in which the opposite angles were supplementary but the adjacent angles were not. What kind of quadrilateral was PQRS?		D	
		Answer Options				
		Option A	Option B	Option C		Option D
		A trapezium	A rhombus	A parallelogram		A cyclic quadrilateral

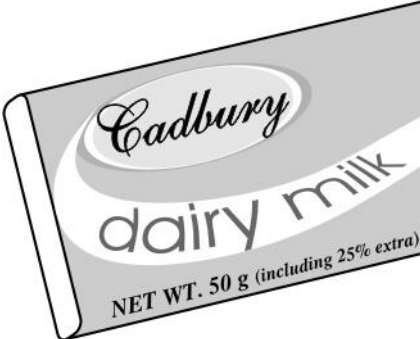
Q · N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option- A,B,C,D)	
6	3__19 Mathematics  2780	Circles	Two circular sheets have diameters in the ratio 1:2. If the smaller circular sheet is put on top of the larger one as shown, what part of the larger circular sheet remains uncovered?		B	
		Answer Options				
		Option A	Option B	Option C		Option D
		1/4	3/4	2/4		4/4

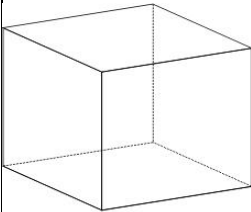
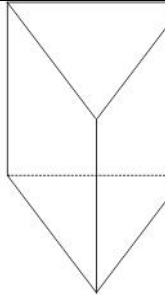
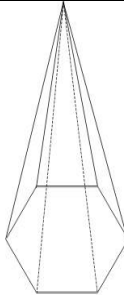
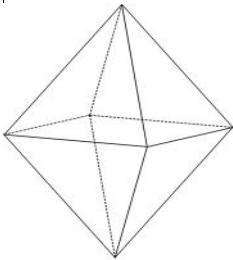
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
7	5_26 1661	constructions	An 'ellipse' is a closed curve drawn in this way: Fix two points (focuses or foci) and move a pencil along the end of a closed string as shown in the figure: From this, we can say that an ellipse is the curve traced by a point moving in such a way that		C
<b>Answer Options</b>					
		Option A	Option B	Option C	Option D
		its distance from a fixed point remains the same.	its distance from 2 fixed points remains the same.	the sum of its distances from 2 fixed points remains the same.	the difference of its distances from 2 fixed points remains the same.

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	CorrectAnswer (Option-A,B,C,D)
9	5_27 8428	Herons Formula	A gardener can trim a square lawn of side 50 metres in 4 hours. At the same rate, how long will it take him to trim a square lawn of side 25 metres?		A
<b>Answer Options</b>					
		Option A	Option B	Option C	Option D
		1 hour	2 hours	2 hours 30 minutes	3 hours

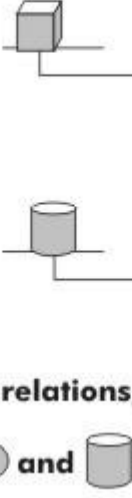



Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	CorrectAnswer (Option-A,B,C,D)
10	5_27 8452	Surface Areas and volumes	Solid X is made by putting together 4 unit cubes.If the total surface area of solid X is $36 \text{ cm}^2$ , what is the total surface area of each unit cube?	 <p style="text-align: center;"><b>Solid X</b></p>	A
<b>Answer Options</b>					
		Option A	Option B	Option C	Option D
		$12\text{cm}^2$	$10 \text{ cm}^2$	$9 \text{ cm}^2$	$6 \text{ cm}^2$

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	CorrectAnswer (Option-A,B,C,D)
11	5_27 8455	Surface Areas and volumes	A rectangular metal sheet 16 dm x 20 dm has to be rolled to form a cylinder. What is the maximum volume (in cubic decimetres) that it can enclose when the base is attached?		B
<b>Answer Options</b>					
		Option A	Option B	Option C	Option D
		$\frac{1280}{\pi}$	$\frac{1600}{\pi}$	$\frac{5120}{\pi}$	$\frac{6400}{\pi}$

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	CorrectAnswer (Option-A,B,C,D)
12	5_27 8429	Surface Areas and volumes	Look at this chocolate wrapper shown in the Image .Normally, how many grams of this chocolate would you have got for Rs. 16?		B
<b>Answer Options</b>					
		Option A	Option B	Option C	Option D
		62.5	40	37.5	35

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	CorrectAnswer (Option-A,B,C,D)		
13	5_27 8434	Surface Areas and volumes	Sarthak gave the description of a three-dimensional figure as follows: It has 6 vertices. It has 12 edges. It has 8 faces. Which of the following figures is it?		D		
<b>Answer Options</b>							
Option A		Option B		Option C		Option D	
 a cube		 a triangular prism		 a pyramid with hexagonal base		 an octahedron	



Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	CorrectAnswer (Option-A,B,C,D)
14	5_27 8447	Surface Areas and volumes	<p>In the following figures, identify</p>  <p>According to these relations weights of ,  and </p>		A
<b>Answer Options</b>					
Option A		Option B		Option C	
3:1:6		2:6:1		3:1:2	
Option D 1:6:1					

Q . N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option- A,B,C,D)
15	2_11 MATHEMATICS 4466	Surface area and volume	11 small unit cubes are joined together as shown below to form the solid shown in Figure At least how many more unit cubes will be needed to turn the structure into a solid CUBE (not cuboid) with no gaps?	<p>TOP LAYER (1 UNIT CUBE) →</p> <p>MIDDLE LAYER (4 UNIT CUBES) →</p> <p>BOTTOM LAYER (6 UNIT CUBES) →</p> <p>SOLID FORMED BY PUTTING THE LAYERS TOGETHER</p>	D
Answer Options					
		Option A	Option B	Option C	Option D
		3	8	11	16