

State the order of rotational symmetry from question 1 to 7

Question 1)			
	(a) 3	(b) 4	(c) 5
Question 2)			
	(a) 1	(b) 2	(c) 3
Question 3)	(a) 1	(b) 2	(c) 3
Question 4)		(2) 2	
,		(b) 4	(c) 5
Question 5)	(a) 5	(b) 4	(0) 5
,		(b) 3	(a) 2
Question 6)	(a) 1	(0) 2	(0) 3
	(a) 1	(b) 2	(c) 3
Question 7)	\bigcirc		
Question 8)	(a) 5 Which letter does not have a lir	(b) 4 ne of symmetry ?	(c) 3
Question 9)	(a) E Which of the following shows re	(b) T eflection symmetry?	(c) G
	(a)	(b) <u>• • •</u>	
Question 10)	Which of the following does not	have a reflection symmetry?	
	(a)	(b)	(c)

2 (v) Maths





(b) 1

(b) 3

Chapter – 12

(a) 0

(a) 2

Question 25)

Question 2)

Question 3)

9% = _ (a) 0.9

1.5 = ___ (a) 15%



(c) 2

(c) 4

<

(c) 0.09

(c) 150%

Question 1) = 2l + 2b (a) Perimeter of square (b) Perimeter of rectangle (c) Area of rectangle Question 2) The area of a square is 64cm². Find its perimeter. (a) 8cm (b) 24cm (c) 32cm Question 3) Find the perimeter of a square book of side 20cm. (a) 80cm (b) 100cm (c) 40cm Question 4) Find the perimeter of a carpet whose length is 3m and breadth is 1.8m (a) 4.6m (b) 9.6m (c) 4.5m Question 5) The perimeter of a rectangle is 54cm and its length is 12cm. Find its breadth. (c) 10cm (a) 15cm (b) 5cm What is the length of the side of a square park whose perimeter is 64m². Question 6) (c) 16m (a) 4m (b) 8m Question 7) Area of a rectangle = ? (b) I + b (c) 4 × I (a) I x b Length of rectangle = $\frac{Area}{c}$ Question 8) (a) length (b) breadth (c) perimeter Question 9) Area of an envelope is measured as (b) 200mm² (a) 200cm² (c) 200m² Question 10) Find the area of a square whose side is 1.2cm (b) 14.4m² (c) 0.44cm² (a) 1.44cm² Question 11) The area of a square is 36sqcm. Find the perimeter of the square. (b) 24cm (c) 12cm (a) 36cm Question 12) The perimeter of a square is 36cm. Its one side is _ (a) 9cm (b) 12cm (c)18cm Question 13) The perimeter of a square is 8cm. Its area is _ cm². (a) 6cm² (b) 4cm² (c) 7cm² Question 14) How many stamps each measuring 2cm×1.5cm can be pasted on a sheet of paper 12cm×6m (a) 280 (b) 180 (c) 140 Question 15) Unit of perimeter can be _ (b) cm^2 (a) m² (c) m Question 16) Unit of Area can be _ (b) m² (c) cm (a) m Question 17) Length of rectangle = ? whose A = 352sqcm b = 22cm (a) 8cm (b) 16cm (c) none of these Question 18) A piece of string 28cm long is bent to form a square, the area of square is (a) 49cm² (b) 14cm² (c) 49cm Question 19) A wire is bent into the shape of an equilateral triangle of side 12cm. Then, it is stretched open and bent into a square the area of square is (c) 27cm² (a) 81cm² (b) 81cm Question 20) 1 hectare = _ sqm (a) 1000 (b) 10000 (c) 100000 Question 21) Area of country is measured in (a) m² (b) km (c) km² Question 22) A piece of wooden plank measures 1.5m by 1m. If it is cut into 5cm square piece, how many squares will be cut? (a) 6000 (b) 60 (c) 600 Question 23) A rectangular field measures 400m by 100m and a square field 200m by 200m (c) square field area is greater (a) both have equal area (b) rectangular field area is greater Question 24) Area of 1 face of a cube with side 6cm (b) 36cm² (c) 3.6cm² (a) 36m² Question 25) = side × side (a) Area of square (b) Area of rectangle (c) Perimeter of square Question 26) Side of a square = (a) P × 4 (b) p ÷ 4 (c) P × I Chapter – 13 Question 1) 25% = (c) 25 (a) 2.5 (b) 0.25

(b) 9

(b) 0.15%

4 (v) Maths

			(1) 11.41.10	
Question 4	4)	50% of 200 =	(1) 50	(-) 10
Question	5)	(a) 100	(b) 50	(c) 10
Question	5)	(a) 0.48	(b) 48	(c) 48
Question 6	6)	5% of Rs.5 =	(0) +0	(0) 4.0
	•)	(a) 25 P	(b) 2.5 P	(c) 0.25 P
Question 7	7)	In word CLASS, what is the per-	centage of the letter S =	
		(a) 4%	(b) 40%	(c) 20%
Question 8	8)	20% of 1 hour 30 minutes is		
	•	(a) 26 minutes	(b) 30 minutes	(c) 18 minutes
Question 9	9)	Reena spelt 22 out of 50 words	correctly. What percentage of words did	Reena spelt correctly?
A <i>i</i>		(a) 44% 23	(D) 40%	(C) 50%
Question '	10)	$\frac{1}{100} = $		
		(a) 2.3%	(b) 0.23%	(c) 23%
Question '	11)	Anil said that $\frac{3}{4}$ of his friends we	ar glasses. What percent of his friends w	ear glasses?
		(a) 25%	(b) 30%	(c) 75%
Question 2	12)	In the word NAINITAL, What pe	rcent of the letters are A =	
		(a) 15%	(b) 25%	(c) 20%
Question '	13)	There are 600 students in a sch	ool. 60% are boys. How many girl studer	nts are there in the school?
0	4.4	(a) 240	(b) 360	(c) 100
Question	14)	In a school, 120 students appear	ared for the class X board examination. If	90% of the students passed
		(a) 100	(b) 108	(c) 105
Oursetien	45)	(a) 100	(0) 100	(c) 105
Question	15)	which is greater (i) 0.37 or (ii) 3	$\frac{1}{2}$ %	
0	4.0)	(a) (i)	(b) (ii)	(c) both are equal
Question	16)	(a) 202%	(b) 20.2%	(a) 0.029/
Question '	17)	(a) 20270 Which of the following is equival	(D) 20.2% lent to 8%?	(C) 0.02%
Question	.,	(a) 0.8	(b) 0.08	(c) 0.008
Question ²	18)	What percent of 20 is 16?		
	,	(a) 80%	(b) 20%	(c) 30%
Question 2	19)	What percent of a rupee is 40 p	aise?	
		(a) 40%	(b) 60%	(c) 50%
Question 2	20)	What percent of 6 litres is 20 MI	_?	1
		(a) 0.2%	(b) $\frac{2}{3}$ %	(c) $\frac{1}{3}$ %
Question 2	21)	<u> </u>	C C	U U
	,	100 (a) 2 1	(b) 0.21	(c) 0 021
Question 2	22)	Which is more (i) 12% of 400 or	(ii) 18% of 200?	(0) 0.021
	,	(a) (i)	(b) (ii)	(c) both are equal
Question 2	23)	In the set of numbers 1, 2, 3, 4,	5, 6, 7, 9, 11, 12 percent of even numbe	rs is
		(a) 40%	(b) 20%	(c) 11%
Question 2	24)	What percent of 8 is 2?		
Quartie	05)	(a) 40%	(b) 20%	(c) 25%
Question	25)	vvnat percentage of KS.140 IS R	(5.7 ? (b) 5%	(c) 0.5%
		(a) 2070	(0) 576	(0) 0.5%

<u>Chapter – 14</u>

Question 1)	The amount of space a solid occupies is called				
	(a) area	(b) length	(c) volume		
Question 2)	The volume of a 1cm cube is				
,	(a) 3cm ²	(b) 1cm ³	(c) 11cm ³		
Question 3)	Find the length of a cuboid w	Find the length of a cuboid whose volume is 120cm ³ breadth is 6cm and height is 5cm			
	(a) 4cm	(b) 2cm	(c) 6cm		
Question 4)	Find the length of one edge of	Find the length of one edge of a cube whose volume is 27 cm^3 .			
	(a) 6cm	(b) 3cm	(c) 9cm		
Question 5)	A rectangular tank measures	A rectangular tank measures 2m by 3m by 4m and is full of water. What is its capacity in litres?			
	(a) 24 L	(b) 1200 L	(c) 24000 L		
Question 6)	725 mL = cubic ce	725 mL = cubic centimeters			
	(a) 7.25	(b) 725	(c) 72500		
Question 7)	4L = cubic centimeters				
	(a) 4000	(b) 400	(c) 4		
Question 8)	Find the length of a cuboid of breadth 2cm, height 7cm and volume 84cm ³ .				
	(a) 3cm	(b) 6cm	(c) 4cm		
Question 9)	How many cubes of edge 6cm will fill up a box 15cm long, 18cm wide and 24cm high?				
	(a) 15	(b) 60	(c) 30		
Question 10)	A fish tank 45cm by 10cm by 20cm is full of water. How many litres of water is there in the fish tank?				
	(a) 9 L	(b) 90 L	(c) 900 L		
Question 11)	Find the volume of a cuboid which is 9cm × 4cm × 5cm.				
,	(a) 18cm ²	(b) 180cm ³	(c) 1.8cm ³		
Question 12)	$7000 \text{ cm}^3 = ___ \text{L}$				
	(a) 7	(b) 70	(c) 0.7		
Question 13)	450cm ³ = mL				
,	(a) 4.5	(b) 45	(c) 450		





Question 5)	Which club is the most popular amoung the students?		
	(a) Science	(b) Drama club	(c) Music club
Question 6)	Which club has the least number of members and how many?		
	(a) Maths club, 30	(b) Drama club 50	(c) Music club 60
Question 7)	How many students are members of the Drama and Music club put together?		
	(a) 110 students	(b) 100 students	(c) 90 students



7 (v) Maths **Chapter –16**

Find the patte	ern and write the next.		
Question 1)	5, 10, 15, 20,	(b) 25	(c) 25
Question 2)	(a) 50 8, 16, 24, 32,	(0) 25	(0) 35
Question 3)	(a) 40 1, 3, 7, 15,	(b) 45	(c) 46
Question 4)	(a) 31 A1, B2, C3, D4,	(b) 63	(c) 84
Question 5)	(a) G5 26, 23, 20, 17,	(b) E5	(c) F5
Question 6)	(a) 14 1 3 9 27 81	(b) 11	(c) 13
Question 0)	(a) 243	(b) 363	(c) 741
Question 7)	0 ⁰ 0, °°°°°, 0 ⁰ 0000	,	
	(a) 00 000 XXXXX	(b) 000000000000000000000000000000000000	(c) none of these
Question 8)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	× ,?	
	(a) ××× × ×	(b)	(c) ××××× × ×
Question 9)	, <u>,</u> ,	, <u> </u>	
	(a)	(b)	(c)
Question 10)	1, 4, 9, 16,	(b) 25	(c) 49
Question 11)	(a) 55 1, 8, 4, 11, 7,	(b) 23	(c) F
Question 12)	(a) 14 1, 8, 27, 64,	(b) 3	(c) 5
Question 13)	(a) 25 Which of the following is a triangular nu	(b) 125 umber?	(c) 325
Question 14)	(a) 6 1+2+3 is a (sum)	(b) 25	(c) 4
Question 15)	(a) triangular number 1+3+5 is a (sum)	(b) square number	(c) none of these
Question 16)	(a) triangular number 16, 25, 36, 49,	(b) square number	(c) none of these
Question 17)	(a) 81 1, 3, 6, 10,	(b) 64	(c) 100
Question 18)	(a) 26 Which of the following is a square num	(b) 25 ber?	(c) 15
Question 19)	(a) 15 Which of the following is not a triangula	(b) 16 ar number?	(c) 18
Question 20)	(a) 6 Which of the following is not a square r	(b) 15 number2	(c) 5
Question 20)	(a) 72	(b) 81	(c) 64
Question 21)	$\triangle O; \triangle \triangle OO; \triangle \triangle /$	\; \\\\;	
	(a) $\triangle \triangle \bigcirc \bigcirc$	(b) $\triangle \triangle \triangle \triangle \bigcirc \bigcirc \bigcirc \bigcirc$	(c) 🛆 🔿
Question 22)		3 4	
	(a)	(b)	(c)
Question 23)		• ,	
	(a) (a)	(b)	(c) both





		10 (v) Maths		
Question 13)	The cost of 18 meters of cloth	n is Rs.149.40. Find the c	ost of 15 metres?	
	(a) Rs.120.50	(b) Rs.12.40	(c) Rs.124.50	
Question 14)	Ìf a man earns Rs.390 in 6 we	eeks, how much will he e	arn in 10 weeks?	
,	(a) Rs.550	(b) Rs.750	(c) Rs.650	
Question 15)	If 20 ice-cream cones cost Rs	s.68.80, find the cost of 7	ice-cream cones.	
,	(a) Rs.24.08	(b) Rs.24.80	(c) Rs.28.40	
Question 16)	Nikita can paint 9 signs in 3 h	ours. How many signs ca	an she pain in 1 hour?	
	(a) 3 signs	(b) 30 signs	(c) 1 sign	
Question 17)	A cyclists goes 90km in 6 hou	urs. How far does he go ir	n 9 hours?	
	(a) 54km	(b) 135km	(c) 75km	
Question 18)	If 3 masons construct a wall i	n 10 days, in how many c	days will 5 masons construct that wall?	
	(a) 30 days	(b) 3 days	(c) 6 days	
Question 19)	One man does a piece of wor	rk in 32 days. In how mar	ny days will 8 men do it?	
	(a) 8 days	(b) 4 days	(c) 16 days	
Question 20) 1 dozen eggs costs for Rs.48. What will the cost of 10 eggs?			eggs?	
	(a) Rs.20	(b) Rs.40	(c) Rs.35	
Question 21)	If 70 cows can graze on a field in 12 days, how many days will 60 cows take to graze on the same field?			
	(a) 14 days	(b) 24 days	(c) 20 days	
Question 22)	If a dozen bananas cost Rs.15, how much will 1 banana cost?			
	(a) Rs.1.25	(b) Rs.12.5	(c) Rs.125	
Question 23)	If 5 litres milk costs Rs.200, w	what is the cost of 3 litres	of milk?	
	(a) Rs.120	(b) Rs.240	(c) Rs.200	
Question 24)	5 scores of bananas Rs.20, fi	nd the cost of 35 banana	s?	
	(a) Rs.75	(b) Rs.31	(c) Rs.75	
Question 25)	A car uses 20 litres of petrol f	or 100km. How for will it	run for 5 litres ?	
	(a) 25km	(b) 20km	(c) 15km	