
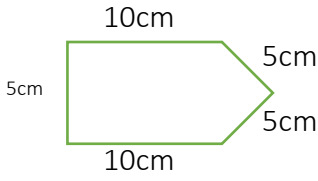


Class: VI Subject: MATHS	MODEL QUESTIONS FOR ANNUAL EXAMINATION	Max. Marks: 80 Duration: 3 Hrs.
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**General Instructions:**

- *Instruction – All the questions are compulsory*
- *This question paper has four sections- section A , B,C and D*
- *Read the questions carefully and answers accordingly.*

	(SECTION A) (1 X 20 = 20)		20
1	Choose the correct option		
	(i)	The value of 2 tenths = (a) 0.2      (b) 0.02      (c) 20      (d) none of these	
	(ii)	The value of 3 hundred and 3 ones is (a)303 (b) 3003 (c)300.3 (d) none of these	
	(iii)	10mm = (a) 1cm (b) 0.1cm (c)10cm (d) none of these	
	(iv)	10 paise = (a)0.1 rupee (b)0.01 rupee (c) 0.001 rupee(d) ) none of these	
	(v)	The tally mark III shows frequency ----- (a)3 (b)4 (c) 2 (d) none of these	
	(vi)	$0 \div 6$ is equal to (a) 1 (b) 0 (c) 2 (d) none of these	
	(vii)	The data represented in the form of pictures are called (a) Bar graph (b) pictograph (c) Frequency Table (d) none of these	
	(viii)	Perimeter of rectangle = ----- (a) $2x(\text{length} + \text{breadth})$ (b) $4x$ side (c) $2x$ side (d) none of these	
	(ix)	Perimeter of square = ----- (a) $2x$ side (b) $4x$ side (c) side x side (d) none of these	
	(x)	Perimeter of an equilateral triangle = ----- (a) $2x$ side (b) $3x$ side (c) $3 + \text{side}$ (d) none of these	
	(xi)	Write the expression for the statement: 7 added to p (a) $P+7$ (b) $7p$ (c) $P - 7$ (d) none of these	
	(xii)	Write the expression for the statement: 11 added to 2m (a) $2m+11$ (b) $2m - 11$ (c) $11 - 2m$ (d) none of these	
	(xiii)	The value of a variable is (a) Fixed (b) not fixed (c) zero (d) none of these	
	(xiv)	Which of the following ratios is equivalent to 1:3 (a) 2:9 (b) 2: 6 (c) 2:8 (d) none of these	
	(xv)	The ratio of 81 to108 = ---- (a) 3:5 (b) 3: 4 (c) 3:7 (d) none of these	
	(xvi)	The ratio of 25 minutes to 1 hour is (a) 5:13 (b) 5: 12 (c) 5:8 (d) none of these	
	(xvii)	An equilateral triangle has	

		(a) 2 lines of symmetry (b) 3 lines of symmetry (c) 4 lines of symmetry (d) none of these	
	(xviii)	The number of lines of symmetry in a circle is (a) 2 (b) infinite (c) 4 (d) none of these	
	(xix)	Which of the following can be drawn on a piece of paper? (a) A line (b) A line segment (c) A ray (d) none of these	
	(xx)	Two lines are said to be perpendicular to each other when they meet At ----- degree angle. (a) 180 (b) 90 (c) 60 (d) none of these	
		(SECTION B) ( 2 X 8 = 16)	16
2		Write $200+60+5+\frac{1}{10}$ as decimals.	
3		Write 2.5 as fraction and reduce it to lowest form.	
4		Find the perimeter of the given figure 	
5		Find the perimeter of the given figure 	
6		Pick out the solution of equation from the values given in the bracket . $N+12=20$ (12, 8 , 20,)	
7		Write the expression in the following case: Y is multiplied by 5 and the result is subtracted from 16.	
8		Find the ratio: 500ml to 2litres	
9		Write four such English letters which have no line of symmetry.	
		(SECTION C) (3 X 8 = 24)	24
10		Write the following decimals in the place value table. (a) 19.4 (b) 10. 6 (c) 205.9	
11		Show the following numbers on the number line. (a) 0.2 (b) 2.5 (c) 1.1	
12		Find the area of the given figure.	

13		<p>Find the area of the given figure.</p>													
14		<p>Complete the table and by inspection of the table, find the solution to The equation <math>5t = 35</math></p> <table border="1"> <tbody> <tr> <td>t</td> <td>6</td> <td>7</td> <td>8</td> </tr> <tr> <td>5t</td> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table>	t	6	7	8	5t	---	---	---					
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15		<p>Total number of animals in five villages are as follows:</p> <table border="1"> <thead> <tr> <th>village</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> </tr> </thead> <tbody> <tr> <td>No. of animals</td> <td>80</td> <td>120</td> <td>90</td> <td>40</td> <td>60</td> </tr> </tbody> </table> <p>Prepare a pictograph of these animals using one symbol  to represent 10 animals.</p>	village	A	B	C	D	E	No. of animals	80	120	90	40	60	
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16		There are 102 teachers in a school of 3300 students. Find the ratio of the Number of teachers to the number of students.													
17		In a college, out of 4320 students, 2300 are girls. Find the ratio of number Of girls to the total number of students.													
		(SECTION D) (4 X5 = 20 )	20												
18		How many tiles whose length and breadth are 12cm and 5cm respectively Will be needed to fit in a rectangular region whose length and breadth are 144cm and 100cm respectively.													

19		A floor is 5m long and 4m wide . A square carpet of sides 3m is laid On the floor. Find the area of the floor that is not carpeted.															
20		<p>A survey of 120 school students was done to find which activity They prefer to do in their free time</p> <table border="1"> <thead> <tr> <th>PREFERRED ACTIVITY</th> <th>NUMBER OF STUDENTS</th> </tr> </thead> <tbody> <tr> <td>playing</td> <td>45</td> </tr> <tr> <td>Reading story book</td> <td>30</td> </tr> <tr> <td>Watching TV</td> <td>20</td> </tr> <tr> <td>music</td> <td>10</td> </tr> <tr> <td>painting</td> <td>15</td> </tr> </tbody> </table> <p>Draw a bar graph to illustrate the above data taking scale of 1 unit Length = 5 students,</p>	PREFERRED ACTIVITY	NUMBER OF STUDENTS	playing	45	Reading story book	30	Watching TV	20	music	10	painting	15			
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21		<p>The number of mathematics book sold by a shopkeeper on six Consecutive days is shown below:</p> <table border="1"> <thead> <tr> <th>Days</th> <th>Sunday</th> <th>Monday</th> <th>Tuesday</th> <th>Wednesday</th> <th>Thursday</th> <th>Friday</th> </tr> </thead> <tbody> <tr> <td>No. of books sold</td> <td>65</td> <td>40</td> <td>30</td> <td>50</td> <td>20</td> <td>70</td> </tr> </tbody> </table> <p>Draw a bar graph to represent the above information.</p>	Days	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	No. of books sold	65	40	30	50	20	70	
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22		Shaina pays 15000 rupees as rent for 3 months. How much does she has to pay for a whole year, If the rent per month remains same?															