

**SESSION ENDING EXAM 2025-26**






Set No.: SAMPLE PAPER

**Duration: 2 hour 30min**

- (i). **All** questions are compulsory.
- (ii). This question paper contains 30 questions divided into four Sections A, B, C, D *and* E.
- (iii). **Section A** comprises of 15 questions of **1 mark** each. **Section B** comprises of 6 questions of **2 marks** each. **Section C** comprises of 5 questions of **3 marks** each. **Section D** comprises of 2 questions of **5 marks** each and **Section E** comprises of 2 questions of **4 marks** each.
- (iv). Use of Calculators is not permitted

Q No	SECTION-A (1 MARK)	Marks
1.	The perimeter of a rectangle is : (a) 4 x side (b) 2(length x breadth) (c) length x breadth (d) 2(length +breadth)	1
2.	Find the perimeter of a triangle with sides 3cm ,4cm and 5cm. (a) 30 cm (b) 25 cm (c) 20cm (d) 12 cm	1
3.	If length and breadth of a rectangular field are 70m and 40m respectively than find the area of this field . (a) 2200m <sup>2</sup> (b) 2800m <sup>2</sup> (c) 280m <sup>2</sup> (d) 1100m <sup>2</sup>	1
4.	Which of the following is not improper fraction? (a) $\frac{4}{3}$ (b) $\frac{3}{4}$ (c) $1\frac{3}{4}$ (d) $2\frac{1}{5}$	1
5.	How many fractions lie between 0 and 1? (a) Infinite (b) 3 (c) 2 (d) 1	1
6.	Write the mixed fraction $2\frac{3}{11}$ in fraction : (a) $\frac{32}{11}$ (b) $\frac{23}{11}$ (c) $\frac{25}{11}$ (d) $\frac{11}{3}$	1
7.	How many pieces of length $\frac{1}{6}$ will make a length of $\frac{1}{3}$ ? (a) 4 (b) 3 (c) 2 (d) 1	1
8.	Which of the following can be constructed using only a compass and pencil: (a) Circle (b) triangle (c) square (d) None	1
9.	The distance between the fixed point (centre) and any point of a circle is called : (a)Radius (b) Area (c) Diameter (d) Circumference	1
10.	How many lines of symmetry in a circle? (a) Three (b) Ten (c) Two (d) Countless	1
11.	Number of lines of symmetry in rectangle : (a)1 (b) 2 (c) 4 (d)Countless	1
12.	The total number of integers between -4 and -1 are - (a)1 (b) 2 (c) 7 (d)infinite	1

13.	A number with a '+' sign in front is called a ..... (a) positive number                      (b) negative number (c) prime number                      (d) composite number	1
14.	Write the additive inverse of (+2) : (a)- 2              (b) - 1              (c) 3              (d) - 4	1
15.	What will be the result for (-4 )+(-3 ) = (a)1                      (b) - 1                      (c) - 7                      (d) +7	1
<b>SECTION-B (2 MARKS)</b>		
16.	Find the cost of fencing a square park of side 250 meter at the rate of ₹ 20 per meter.  <b><u>OR</u></b> What would be the cost of fencing a rectangular park whose length is 150 m and breadth is 120 m, if the fence costs ₹ 40 per meter?	2
17.	Find the side of square whose perimeter is 20 cm.  <b><u>OR</u></b> Find the area of the rectangular park whose length and breadth are 12 cm and 21 cm respectively.	2
18.	A wholesale merchant packed 1 kg of rice in four packets of equal weight. Find the weight of each packet in gm.  <b><u>OR</u></b> Arrange these fraction words in order of size from the smallest to the biggest given below: One and a half, three quarters, one and a quarter, half, quarter, two and a half.	2
19.	Draw a picture and write an addition statement as above to show: 5 times $\frac{1}{4}$ of a roti.  <b><u>OR</u></b> Write the following mixed numbers as fractions: (a) $3\frac{1}{4}$ (b) $7\frac{2}{3}$	2
20.	Write down two properties of a rectangle.  <b><u>OR</u></b> Draw a rectangle of length 4 cm and breadth 6 cm.	2
21.	Evaluate the following using tokens:-      ( +5 ) + ( -3 )	2
<b>SECTION – C (3 MARKS)</b>		
22.	Find the cost of fencing a rectangular park of length 175m and breadth 125m at the rate of Rs 12 per metre.  <b><u>OR</u></b> The area of a rectangular piece of cardboard is 36 sq cm and its length is 9cm.What is the width of the cardboard and find its perimeter also?	3
23.	Draw a rectangle of sides 2 cm and 10 cm. After drawing, check if it satisfies both the rectangle properties.  <b><u>OR</u></b>	3

	<p>Is it possible to construct a 4-sided figure in which—</p> <ul style="list-style-type: none"> <li>• all the angles are equal to <math>90^\circ</math> but</li> <li>• opposite sides are not equal?</li> </ul>	
24.	<p>Construct a rectangle that can be divided into 3 identical squares.</p> <p style="text-align: center;"><b>OR</b></p> <p>Construct a rectangle of sides 8 cm and 4 cm. How will you construct a square inside, such that the centre of the square is the same as the centre of the rectangle?</p>	3
25.	<p>Find the number of lines of symmetry for each of the following shapes :</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>(a)</p>  </div> <div style="text-align: center;"> <p>(b)</p>  </div> <div style="text-align: center;"> <p>(c)</p>  </div> </div>	3
26.	<p>In a quiz, team A scored – 40, 10, 0 and team B scored 10, 0, – 40 in three successive rounds. Which team scored more? Can we say that we can add integers in any order?</p> <p style="text-align: center;"><b>OR</b></p> <p>Find the years below:</p> <p>(a) From the present year, which year was it 150 years ago?</p> <p>(b) From the present year, which year was it 2200 years ago?</p>	3
<b>SECTION-D (5 MARKS)</b>		
27.	<p>(i) Shubham painted <math>\frac{2}{3}</math> of the wall space in his room. His sister Madhavi helped and painted <math>\frac{1}{5}</math> of the wall space. How much did they paint together?</p> <p>(ii) Naina was given <math>1\frac{1}{2}</math> piece of cake and Najma was given <math>1\frac{1}{3}</math> piece of cake. Find the total amount of cake was given to both of them.</p> <p style="text-align: center;"><b>OR</b></p> <p>(i) Anil was in a group where 2 cakes were divided equally among 5 children. How much cake would Anil get?</p> <p>(ii) Solve the following: (a) <math>\frac{2}{3} - \frac{4}{5}</math> (b) <math>\frac{2}{5} - \frac{4}{15}</math></p>	<div style="display: flex; flex-direction: column; align-items: center;"> <div>2</div> <div>3</div> <div>2</div> <div>3</div> </div>
28.	<p>(i) How many lines of symmetry in the following figures:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>(a)</p> </div> <div style="text-align: center;">  <p>(b)</p> </div> </div> <p>(ii) Find the number of lines of symmetry and also, draw the line symmetry for the following :</p> <p>(a) An Equilateral triangle (b) Square (c) a regular hexagon</p>	<div style="display: flex; flex-direction: column; align-items: center;"> <div>2</div> <div>3</div> </div>
<b>SECTION-E (4 MARKS)</b>		

29.	<p>Observe the following picture and give the answers :</p> <div data-bbox="316 100 1031 441" data-label="Image"> </div> <p>(i) What is the shape of the grass garden.</p> <p>(ii) What is the shape of the flower bed.</p> <p>(iii) Find the perimeter of the complete picture.</p> <p>(iv) Find the area of grass garden.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>
30.	<p>Following number line shows the temperature in degree celsius (<math>^{\circ}\text{C}</math>) at different places on a particular day.</p> <div data-bbox="243 819 1347 945" data-label="Figure"> </div> <p>(a) Observe this number line and write the temperature of the places marked on it.</p> <p>(b) What is the temperature difference between the hottest and the coldest places among the above?</p> <p>(c) What is the temperature difference between Lahulspiti and Srinagar?</p>	<p>1</p> <p>1</p> <p>2</p>

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