INDIAN SCHOOL AL WADI AL KABIR

REVISION WORKSHEET (Final Examination 2025-26)

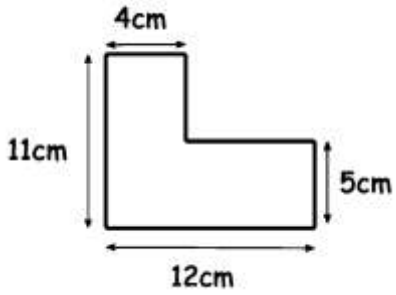
Class: 6 **MATHEMATICS** Max Marks: 80

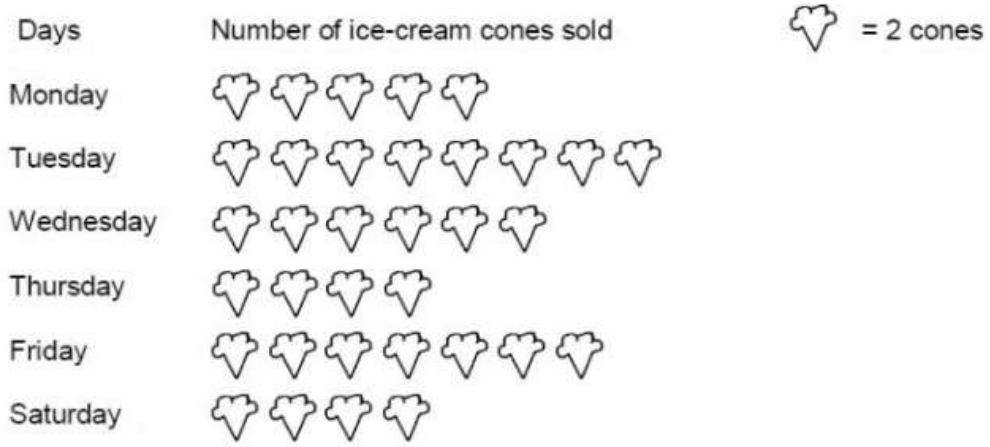
Time: $2\frac{1}{2}$ hours

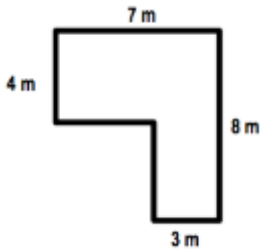
***General Instructions*:**

1. This question paper contains 4 sections, Sections A to D
2. All questions are compulsory.
3. Section A has 20 questions carrying 1 mark each.
4. Section B has 5 questions carrying 2 marks each.
5. Section C has 6 questions carrying 3 marks each.
6. Section D has 8 questions carrying 4 marks each.
7. This question paper contains 6 pages.

Section A: Multiple Choice Question (Q.1 to Q.15) of **1** mark each							
1.	The predecessor of (-1) is:						
	A	2	**B**	-2	**C**	0	**D**	1
2.	Two sides of a triangle are 5 cm and 4 cm. The perimeter of the triangle is 12 cm. The length of the third side is:						
	A	1 cm	**B**	2 cm	**C**	3 cm	**D**	4 cm
3.	Which of the following statements is correct?						
	A	$\frac{3}{5} > \frac{4}{5}$	**B**	$\frac{5}{6} < \frac{1}{2}$	**C**	$\frac{1}{2} > \frac{3}{4}$	**D**	$\frac{2}{3} < \frac{3}{4}$
4.	The area of a rectangular garden is 2900 m^2. If its breadth is 29 m, find the length of the garden.						
	A	200 m	**B**	100 m	**C**	2871 m	**D**	10 m
5.	Which of the following statements is correct?						
	A	$-10 < +10$	**B**	$-10 > +10$	**C**	$0 < -10$	**D**	$-10 > 0$

6.	5 kg of apples divided equally in 4 bags is the same as 15 kg of apples divided equally in _____ bags.						
	A	10	**B**	8	**C**	12	**D**	20
7.	Perimeter of the given figure is: 						
	A	23 cm	**B**	28 cm	**C**	21 cm	**D**	32 cm
8.	On a number line what is 10 units of left of zero.						
	A	-10	**B**	-1	**C**	$+10$	**D**	0
9.	Which number lies exactly between -16 and 0?						
	A	$+16$	**B**	-6	**C**	-8	**D**	9
10.	Name of the given polygon is: 						
	A	Hexagon	**B**	Heptagon	**C**	Pentagon	**D**	Nonagon
11.	A paper strip is folded to make $\frac{1}{2}$, then folded again to make $\frac{1}{4}$ and once more to make $\frac{1}{8}$. If Sia shades 6 pieces of $\frac{1}{8}$ which simplified number does this represent?						
	A	$\frac{1}{2}$	**B**	$\frac{5}{4}$	**C**	$\frac{8}{6}$	**D**	$\frac{3}{4}$
12.	A circle has:						
	A	two centres	**B**	a fixed radius		no centre	**D**	many centres
13.	What is the additive inverse of -15?						
	A	$+15$	**B**	1	**C**	-15	**D**	0

14.	$8\frac{3}{7}$ =						
	A	$\frac{24}{7}$	**B**	$\frac{56}{7}$	**C**	$\frac{59}{7}$	**D**	$\frac{21}{8}$
15.	What is the number of houses represented by ⇧ ⇧ ⇧ ⇧ in a pictograph, if one symbol ⇧ represents 15 houses.						
	A	30	**B**	60	**C**	20	**D**	40
Q16.	Observe the chart below, which shows the number of ice cream cones sold by the school canteen during a week. 						
I	How many ice cream cones were sold on Wednesday?						
	A	12	**B**	10	**C**	8	**D**	16
II	Maximum number of ice cream cones were sold in which day?						
	A	Monday	**B**	Tuesday	**C**	Wednesday	**D**	Friday
III	What is the total number of ice cream cones sold during the week.						
	A	50	**B**	58	**C**	60	**D**	68
IV	What is the difference between the number of ice cream cones on Friday and Saturday?						
	A	6	**B**	8	**C**	4	**D**	12
V	If the cost of one ice cream cone is ₹20, then the sales value on Thursday was:						
	A	₹1000	**B**	₹1200	**C**	₹1600	**D**	₹800

Section B: Short Answer Questions (Type – 1) of **2** marks each (Q.17 to Q.21)	
17.	A rectangular park is 30 meters long and 20 meters wide. If the cost of fencing is ₹15 per meter, what is the total cost to fence the park?
18.	If the temperature drops from 7^0C to -3^0C, what is the difference in temperature?
19.	Find the successor of the given numbers. (i) -99 (ii) -1
20.	Construct perpendicular bisector of a line segment AB = 9 cm, using compass.
21.	A dice was thrown 20 times and the following were the outcomes: 2, 3, 3, 2, 2, 5, 4, 6, 5, 1, 4, 2, 6, 6, 6, 1, 6, 4, 3, 6. Prepare a frequency table of the above data.
Section C: Long Answer Questions (Type – 1) of **3** marks each (Q.22 to Q.27)	
22.	A farmer has 80 cm of string to form a boundary. If the string is used to form a square, what is the length of each side and the area enclosed?
23.	Rayan runs 5 rounds around a rectangular playground 90 m long and 40 m wide. Find the total distance he ran.
24.	Riya starts with ₹0 in her bank account. Then she has credits of ₹25, ₹35, ₹45, and ₹50, and debits of ₹30, ₹20, ₹40, and ₹25. What is her bank account balance now?
25.	Find the area of the given figure. 
26.	Represent the given fractions on a number line. $\frac{5}{6}, \frac{1}{6}, \frac{2}{6}, \frac{4}{6}$

27. Construct the angle bisector of 50^0, using compass.

Section D: Long Answer Questions (Type – 2) (Q.28 to Q.33)

& Case study (Q.34 &35) of **4** marks each

28. Solve:

(i) $(-132) + (-145)$

(ii) $(-550) - (+254)$

(iii) $(-551) - (+200) + (+151) - (-606)$

29. Riya had $3\frac{1}{2}$ litres of juice. She gave $1\frac{3}{4}$ litres to her friend and later prepared $\frac{5}{8}$ litres more juice. How much juice does Riya have now?

30. Construct the following rectangles using the given measurements:

(i) Rectangle PQRS, in which one of the diagonals divides an opposite angle into $55°$ and $35°$.

(ii) Rectangle ABCD, whose length is 4.5 cm and diagonal is 7 cm.

31. A rectangular garden has a length of 12 m and a breadth of 10 m. Inside the garden, a square lawn of side 6 m and a triangular flower bed with base 4 m and height 3 m are laid out. Find the remaining area of the garden.

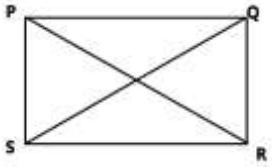
32. A survey showed the preference of different subject by students of class VI. Draw a pictograph to illustrate the given data using the given scale.

Subject	No. of Students
English	25
Hindi	30
Maths	50
Science	35
Social Science	40

= 5 **students.**

33. The following table shows the number of pencil boxes sold by a stationary shop in a week. Represent this information on a bar graph.

Day	Mon	Tue	Wed	Thu	Fri	Sat
Boxes Sold	10	25	30	40	50	10

34.	**Case Study-1**  Three children order their own pizza of the same size. Ayaan eats $\frac{3}{5}$ of his pizza, Rohan eats $\frac{9}{20}$ of his pizza and Sian eats $\frac{7}{15}$ of his pizza.  (i) Who eats the most amount of pizza? (ii) Arrange the names of the children in order from lowest to greatest quantity of pizza eaten. (iii) Find the total amount of pizza eaten by all three children. Write your answer as mixed fraction.
35.	**Case Study-2**  Class 6 students are preparing a Mathematics album on the properties of rectangles. They draw a rectangle as shown in the figure and observe its properties. (i) What is the measure of each corner angle of a rectangle?  (ii) Write the name of the given rectangle in two different ways. (iii) Write the name of the diagonals shown in the given figure. (iv) If ∠QSR = 30°, find the measure of ∠PSQ, without measuring it. Give a reason for your answer.

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ANSWER KEY

Q1	B	Q2	C	Q3	D	Q4	B	Q5	A
Q6	C	Q7	D	Q8	A	Q9	C	Q10	B
Q11	D	Q12	B	Q13	A	Q14	C	Q15	B
Q16	(i) A (ii) B (iii) D (iv) A (v) C	Q17	₹1500	Q18	10°C	Q19	−98 & 0	Q20	Construction
Q21	Ans ⬇	Q22	Side = 20 cm Area = 400 cm²	Q23	5× 260 = 1300 m	Q24	₹40	Q25	40 m²
Q26	Ans ⬇	Q27	Construction	Q28	(i) −277 (ii) −804 (iii) 6	Q29	$\frac{19}{8} = 2\frac{3}{8}$ litres	Q30	Construction
Q31	120 - 42 = 78 m²	Q32	Ans ⬇	Q33	Construction	Q34	LCM = 60 (i) $\frac{36}{60}$ - Ayaan (ii) Rohan (27/60), Sian (28/60), Ayaan (36/60) (iii) $\frac{91}{60} = 1\frac{31}{60}$	Q35	(i) 90° (ii) PQRS, SRQP (iii) PR & QS (iv) 60°

Q21

Number thrown on dice	Tally Marks	Frequency
1	|	2
2	||||	4
3	|||	3
4	|||	3
5	|	2
6	𝍸 |	6
Total		20

Q26

Q32