INDIAN SCHOOL AL WADI AL KABIR

Revision Paper Post Mid-Term Examination (2025-26)

Class: VI	Sub: MATHEMATICS	Max Marks: 30
		Time: 1 hour

Instructions:

Section A: Multiple Choice Questions (Q.1 to Q.8)

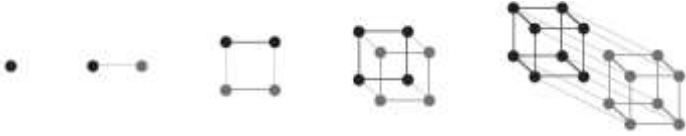Section B: Source based questions (Q.9 to Q.12)

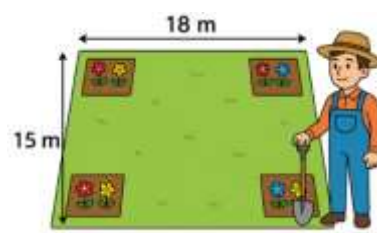Section C: Long Answer Questions (Q.13 to Q.16)

Section D: 4 Marks Question & Case study Question (Q.17 to Q.18).

NOTE: This question paper consists of   printed pages.

	Section A: Multiple Choice Question (Q.1 to Q.8) of **1** mark each						
1.	The sequence 1, 4, 9, 16, 25, …as:						
	A	Even numbers	**B**	Prime numbers	**C**	Odd numbers	**D**	Square numbers
2.	If the perimeter of a square is 64 cm, then its side is____.						
	A	8 cm	**B**	12 cm	**C**	16 cm	**D**	32 cm
3.	Numbers that can be represented in the shape of a hexagon are:						
	A	1, 7, 19, 37…	**B**	1, 4, 9, 16…	**C**	1, 8, 27,64….	**D**	1, 3, 6, 10…
4.	The number of whole units in the given fraction $\frac{58}{23}$ is:						
	A	2	**B**	3	**C**	1	**D**	4
5.	The area of a triangle whose base is 12 cm and height 11 cm is:						
	A	23 sq.cm	**B**	66 sq.cm	**C**	56 sq.cm	**D**	18 sq.cm

6.	Sarita bought $\frac{3}{7}$ metre of ribbon and Lalita bought $\frac{5}{7}$ metre of ribbon. What is the total length of the ribbon they bought?							
	A	$\frac{8}{7}$	**B**	$\frac{8}{14}$	**C**	$\frac{35}{7}$	**D**	$\frac{9}{7}$

7.	is the pictorial representation of:							
	A	triangular numbers	**B**	powers of 2	**C**	powers of 3	**D**	Prime numbers

8.	$\frac{48}{17}$ can be written as:							
	A	$3\frac{14}{17}$	**B**	$2\frac{17}{14}$	**C**	$2\frac{14}{17}$	**D**	$14\frac{17}{2}$

Section B: Source based questions (Q.9 to Q.12) of 1 mark each

Ramesh had 28 pencils, Sheelu had 35 pencils and Jamaal had 25 pencils. After 5 months, Ramesh used up 14 pencils, Sheelu used up 30 pencils and Jamaal used up 20 pencils.

9.	Choose the simplest form of $\frac{36}{72}$ which is equivalent to the number of pencils used:							
	A	$\frac{1}{4}$	**B**	$\frac{1}{2}$	**C**	$\frac{3}{4}$	**D**	$\frac{4}{5}$

10.	The total number of pencils used by Sheelu and Jamaal is:							
	A	$\frac{10}{12}$	**B**	$\frac{11}{12}$	**C**	$\frac{58}{35}$	**D**	$\frac{55}{35}$

11.	Write the names of the students (using only the first letter of each name) in ascending order based on the number of pencils they used:							
	A	R<S<J	**B**	S<R<J	**C**	J<S<J	**D**	R<J<S

12.	The equivalent fraction of $\frac{4}{9}$ with numerator 16 is:							
	A	$\frac{16}{32}$	**B**	$\frac{16}{36}$	**C**	$\frac{36}{16}$	**D**	$\frac{16}{18}$

Section C: Long Answer Questions (Q13 to Q.16)

13.	Write three four more steps in the given pattern.
	
	    a) 2, 5, 10, 17, 26, —, —, —, —
	    b) 1, 3, 9, 27, 81, —, —, —, — (2m)

14.	Represent the given fractions on a number line: $\frac{2}{9}$, 0, $\frac{4}{9}$ and $\frac{6}{9}$. (2m)
15.	A wire of length 1m 38 cm long is used to make a regular hexagon. Find the length of the side of the regular hexagon. If the same wire is re-bent into the shape of an equilateral triangle. Find the side of the equilateral triangle. (3m)
16.	Shubham painted $\frac{3}{7}$ of the wall space in his room. His sister Madhavi helped $\frac{4}{5}$ of the wall space. Who painted more space and by how much? (3m)

Section D: Long Answer Question of 4 marks &Case study (Q.17 & Q.18)

17.	A box had $9\frac{2}{3}$ packets of crayons. A teacher added $4\frac{1}{2}$ packets more for an activity. After the class, she found that $7\frac{1}{4}$ packets were used. How many packets are left in the box?

18.	**Case Study:**
	
	Gardening is a mind-blowing hobby!
	A passionate gardener planned to make some modifications to his rectangular garden, which measures 18 m in length and 15 m in breadth. To beautify the garden, he decided to dig four square flower beds, each with a side length of 2 m, at the four corners of the garden.
	
	    a) Find the area of the entire garden? (1m)
	    b) Find the area of one square flower beds? (1m)
	    c) Find the area of the remaining portion of the garden.
	        Also, find the cost of planting grass on this area at the rate of ₹25 per sq.m. (2m)

Q1.	D	**Q2.**	C	**Q3.**	A
Q4.	A	**Q5.**	B	**Q6.**	A
Q7.	B	**Q8.**	C	**Q9.**	B
Q10.	C	**Q11.**	D	**Q12.**	B
Q13.	a) 37, 50, 65, 82 b) 243, 729, 2187,6561	**Q14.**	Number line	**Q15.**	Side of regular hexagon= 23 cm Side of equilateral triangle= 46 cm.
Q16.	Madhavi painted more space By $\frac{13}{35}$ more.	**Q17.**	$6\,\frac{11}{12}$	**Q18.**	a) 270 sq.m b) 4 sq.m c) 254 sq.m, ₹6350

ANSWERS