



# INDIAN SCHOOL AL WADI AL KABIR

Pre-Mid-Term Examination (2025-26)

Class: VI

Sub: MATHEMATICS

Max Marks: 30

Date: 18-05-2025

Set - 1

## 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 4 printed pages.

Section A: Multiple Choice Question (Q.1 to Q.8) of 1 mark each								
1.	If a 15cm ruler broken into two equal parts. What is the length of each piece?							
	A		B	7.5cm	C		D	
2.	The number which is known as ‘Kaprekar constant’ is:							
	A		B	6174	C		D	
3.	On a number line, 2379 lies exactly between which two numbers?							
	A		B		C	2250 & 2500	D	
4.	If 4,300 apples are to be packed into boxes, with each box holding 10 apples, how many boxes will be required for packing?							
	A		B	430	C		D	
5.	In a pictograph, if  = 8 books, then to represent 40 books, how many symbols are needed?							
	A	5	B		C		D	
6.	The number which is divisible by 5 is:							
	A		B		C	25130	D	
7.	A data can be represented using symbols or pictures of objects on a:							

	A		B		C		D	pictograph																
8.	Which among the following is a palindromic time?																							
	A		B	10:01	C		D	0:02																
	<div>Section B: Source Based Questions (Q.9 to Q.12) of 1 mark each</div> <div><table><tr><th colspan="2">Ice Cream Cones Sold</th></tr><tr><th>Flavour</th><th>Number of Ice Cream Cones</th></tr><tr><td>Vanilla</td><td>    </td></tr><tr><td>Chocolate</td><td>      </td></tr><tr><td>Strawberry</td><td>     </td></tr><tr><td>Butterscotch</td><td>     </td></tr><tr><td>Pistachio</td><td>  </td></tr><tr><td>Coffee</td><td> </td></tr></table><div>Key:  = 50 cones</div></div>								Ice Cream Cones Sold		Flavour	Number of Ice Cream Cones	Vanilla	    	Chocolate	      	Strawberry	     	Butterscotch	     	Pistachio	  	Coffee	 
Ice Cream Cones Sold																								
Flavour	Number of Ice Cream Cones																							
Vanilla	    																							
Chocolate	      																							
Strawberry	     																							
Butterscotch	     																							
Pistachio	  																							
Coffee	 																							
9.	Which flavour of ice cream was the most popular?																							
	A		B		C		D	chocolate																
10.	Tania sold 350 cones of one flavour. What flavour was this?																							
	A	butterscotch	B		C		D																	
11.	Find the total number of ice cream sold in the flavour of strawberry and pistachio.																							
	A		B		C	400	D																	
12.	How many more coffee cones would Tania need to sell to make a total of 500 cones?																							
	A		B		C		D	400																
Section C: Long Answer Questions (Q13 to Q.16)																								
13.	24; 12 ; 6; 3; 10; 5; 16; 8; 4; 2; 1 (2m)																							
14.	Write the greatest and smallest number formed by using the digits 2, 0,9 and 7. Find the sum and difference of the greatest and smallest number formed. Greatest : 9720,      Smallest : 2079 (2m)  Sum : 9720+2079 =11,799      Difference :7641																							
15.	Write any six Palindromic three-digit number using the digit 7, 9, 5 (3m)  Ans: any 6{ 797, 999, 777, 555, 595, 575} ( 6 × ½ = 3)																							
16.	Catherine threw a dice 30 times and noted the number appearing each time as shown below:																							

1	3	5	6	6	3	5	4	1	6
2	5	3	4	6	1	5	5	6	1
1	2	2	3	5	2	4	5	5	6

Prepare a frequency distribution table using Tally marks.

(3m)

1- 5 tally marks, 2- 4, 3- 4, 4- 3, 5- 8, 6- 6 (each  $\frac{1}{2}$  marks) ( $6 \times \frac{1}{2} = 3$ )

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

- 17.** The table shows the number of T.V. sets sold at Ravi's store. Draw a pictograph to illustrate the given information and use the key:  $\square = 5$  T.V sets.

Month	March	April	May	June
No. of T. V's sold	15	25	20	30



**18. Case Study:**

- a) If A is a supercell, then which number can be inserted in the place of A from the given set of numbers: 94,199; 97,716; 90,993; 95,914. (1m)

Ans: **97,716**

- b) If B is the predecessor of 95,256 then find the number that can be placed in the box B. (1m)

Ans:  $95,256 - 1 = 95,255$

- c) Write the digit sum of numbers from 391 to 394 (2m)

391 --  $3 + 9 + 1 = 13$ , 392- 14, 393- 15, 394 – 16 (each  $\frac{1}{2}$  mark)