INDIAN SCHOOL AL WADI AL KABIR

Pre-Mid-Term Examination (2024-25)

Sub: MATHEMATICS

Class: VI | Max Marks: 30

Date: 28/05/2024 | Set -II | 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 questions & Case study (Q.17 to Q.18).

Section A: Multiple Choice Question (Q.1 to Q.8) of **1** mark each								
1.	Write the numeral in Indian system; Thirty crore seventeen lakh nine thousand four hundred two.							
	A		**B**	30,17,09,402	**C**		**D**	
2.	The population of a city is 88,329. The round off number to nearest tens is:							
	A		**B**		**C**	88330	**D**	
3.	The successor of the greatest 5-digit number is:							
	A		**B**	100000	**C**		**D**	
4.	Which of the following is the smallest whole number?							
	A		**B**		**C**		**D**	0
5.	Write the number whose expanded form is given by: 5 x 100000 + 7 x 10000 + 2 x 100 + 4 x 10 + 8 x 1							
	A		**B**		**C**	5,70,248	**D**	

6.	A student wrote 180 + (820 + 85) = (180 + 820) + 85. Which property of addition did he use?							
	A		**B**		**C**		**D**	Associative property
7.	In which of the following numbers, the place value of 6 is 6000?							
	A		**B**		**C**	5,26,730	**D**	
8.	The number of whole numbers between 73 and 92 is:							
	A		**B**		**C**	18	**D**	
	Section B: Source based questions (Q.9 to Q.12) of 1 mark each Arun is having an electronic shop. He had ₹95,780 with him. He purchased 20 headphones at ₹1790 each. He also purchased 12 smartwatches each cost ₹1089. Based on the information answer the following questions: 							
9.	What is the total cost of the headphones?							
	A		**B**	₹35800	**C**		**D**	
10.	How much he has to pay for the smartwatches?							
	A		**B**		**C**	₹13068	**D**	
11.	What is the total cost of headphones and smartwatches he purchased?							
	A	₹48868	**B**		**C**		**D**	
12.	If he had ₹95,780 with him, how much money will be left with him after the purchase?							
	A		**B**		**C**		**D**	₹46912

Section C: Long Answer Questions (Q13 to Q.16)	
13.	Find the sum by suitable rearrangement: 234 + 168 + 666 ….(2m) Ans: 234 + 168 + 666 = (234 + 666) + 168 ……(½m) = 900 + 168 ……(½m) = 1068 ……(1m)
14.	Add and represent 6 + 4 on a number line. (2m) Ans: Number line 1mark and showing jumping and answer 1mark
15.	Find the product by using suitable property: 555 x 103 (3m) Ans: 555 x 103 = 555 x (100 + 3) ……(½m) = 555 x 100 + 555 x 3 ……(½m+½m) = 55500 + 1665 ……(½m+½m) = 57165 ……(½m)
16.	The number of candidates appearing for class 10 board examination conducted by CBSE was 21,65,805 in the year 2022 and 22,38,827 in the year 2023. A) Find the total number of candidates who appeared for the examination in these two years. B) In which year more candidates appeared and by how much? (3m) Ans: A) No. of candidates appeared in 2022 = 21,65,805 No. of candidates appeared in 2023 = 22,38,827 The total number of candidates who appeared for the examination in these two years = 21,65,805 + 22,38,827 = 44,04,632……. (1m) B) By comparing 21,65,805<22,38,827 ∴More candidates appeared in the year 2023…… (1m) By 22,38,827 − 21,65,805 = 73,022…… (1m)

	Section D: Long Answer Question of 4 marks & Case study (Q.17 & Q.18)
17.	A shopping center had 2304179 visitors in a particular year. i) Write the number name in International system of numeration. ii) Round off the given number to nearest hundred. iii) Write the expanded form of the number. iv) What is the place value of the digit **4** in the above number? Ans: i) Two million three hundred four thousand one hundred seventy-nine. …….(1m) ii) 2304200……. (1m) iii) 2 x 1000000 + 3 x 100000 + 4 x 1000 + 1 x 100 + 7 x 10 + 9 x 1 ……..(1m) iv)4000 ……. (1m)
18.	**Case Study:** Manu is owning a sports store selling sporting and recreational goods, including sportswear, sporting equipment and related general items. For his store he purchased 42 cricket balls for ₹350 each and 42 footballs for ₹650 each. Based on the above information answer the following questions:  a) What is the total amount that Manu has to pay for all? b) If he paid ₹50,000 to the wholesale dealer for the items he purchased, how much money will he get back? c) Identify the property used in the statement: 25 x (200 + 800) = 25 x 200 + 25 x 800. **Ans:** a) Cost of 42 cricket balls = 42 x 350 Cost of 42 footballs = 42 x 650 Total cost = 42 x 350 + 42 x 650 ……(½m) = 42 x (350 + 650) ……(½m) = 42 x 1000 = ₹42,000 ……(½m+½m) b) Money he will get back = 50,000 – 42,000 = ₹8000……. (1m) c)Distributive property of multiplication over addition……. (1m)