



INDIAN SCHOOL AL WADI AL KABIR

Pre_ Mid-Term Examination (2023-24)

Class: VI

Sub: MATHEMATICS

Max Marks: 30

Date: 23-05-23

Set – I-ANSWER KEY

Time: 1 hour

Instructions:

Section A: Multiple Choice Questions (Q.1 to Q.6)

Section B: Source based questions (Q.7 to Q.11)

Section C: Long Answer Questions (Q.12 to Q.14)

Section D: Case study Questions (Q.15 to Q.16).

Section A: Multiple Choice Question (Q.1 to Q.6) of 1 mark each

1.	Identify the property: $643 + 57 = 57 + 643$						
A		B		C	Commutative property	D	
2.	The numeral for $2 \times 1,00,000 + 4 \times 10,000 + 6 \times 1,000 + 8 \times 100 + 5 \times 10 + 3 \times 1$ is:						
A		B	2,46,853	C		D	
3.	How many whole numbers are there between 75 and 91?						
A		B		C	15	D	
4.	The greatest number possible using the given digits 5, 8, 9, 0, 3 without repetition is:						
A		B		C		D	98,530
5.	The predecessor of 9999 is:						
A		B	9998	C		D	
6.	Which of the following represent zero?						
A		B		C	7×0	D	

Section B: Source based questions (Q.7 to Q.11) of **1** mark each

Ram, Jack, Sheriff and Thani are friends. The below table shows the amount spent to put up the stalls by each of them in a carnival. At this context answer the following questions:

Name	Type of stall	Worth in Rupees
Ram	Foodstuff	₹48,265
Jack	Clothes	₹54,856
Sheriff	Sweets	₹49,350
Thani	Jewelries	₹50,795

7. Ram set a stall of foodstuff worth ₹48,265. If he sold the items for ₹21,250 on first day, what will be the worth of foodstuff left with him?

A

B

₹27,015

C

D

8. If Sheriff sells one Jalebi for ₹ 15, what will be the cost of 150 Jalebi's?

A

B

C

₹2,250

D

9. Thani set a stall of Jewelries worth ₹ 50,795. Round off the amount to the nearest thousands:

A

₹51,000

B

C

D

10. Ram set a stall of foodstuff worth ₹48,265; Jack set a stall of cloths worth ₹54,856. What is the total worth of both the stalls together?

A

B

C

₹1,03,121

D

11. Jack set a stall of cloths worth ₹54,856; Sheriff set a stall of sweets worth ₹ 49,350. How much more money Jack spent on his stall than Sheriff?

A

B

₹5,506


C

D

Section C: Long Answer Questions (Q12 to Q.14)

12.	Find $8 + 3$ using the number line. (2 Marks)
Ans:	Number line -----1 mark Representing -----1 mark
13.	Find using suitable properties: (3 Marks) a) $25 \times 8358 \times 4$ b) $3642 \times 97 + 3642 \times 3$
Ans:	a) $25 \times 8358 \times 4 = (25 \times 4) \times 8358$ $= 100 \times 8358 = 835800$ ----- $1\frac{1}{2}$ marks b) $3642 \times 97 + 3642 \times 3 = 3642 \times (97 + 3)$ $= 3642 \times 100 = 364200$ ----- $1\frac{1}{2}$ marks
14.	A shopkeeper had ₹87,592 with him. He placed an order for purchasing 50 chairs at ₹1300 each. How much money will remain with him after the purchase? (4 Marks)
Ans:	The cost of 50 chairs at ₹1300 each = $50 \times 1300 = ₹65,000$ -----2 Marks Money shopkeeper had with him = ₹87,592 ∴ The remaining money with him after the purchase = $₹87,592 - ₹65,000$ $= ₹22,592$ -----2 Marks

Section D: Case study (Q.15 & Q.16) of 5 marks each

15.	Case Study-1: Dr. Raghu works in a hospital in the town. Nearby there is a pharmacy. At this context answer the following questions:	
(I)	A strip of medicine tablet has 15 tablets. Dr. Raghu ordered 530 strips on Monday. How many tablets are ordered on Monday? Ans: No of tablets in one strip = 15 No of strips = 530 ∴ Total number of tablets = $15 \times 530 = 7950$ -----2 marks	
(II)	Dr. Raghu sent ₹ 50,000 with his attender to buy cough syrup for ₹ 34698. What amount will the attender bring back? Money send with his attender = ₹ 50,000 Money given for cough syrup = ₹ 34698 Amount the attender brought back = $₹ 50,000 - ₹ 34698 = 15302$ -----2 marks	
(III)	If the attender's salary is ₹ 9864, round off the number to the nearest hundreds. Ans: ₹ 9900 1 mark	

16. Case Study-2:

The school canteen charges ₹ 50 for vegetable sandwich, ₹ 20 for water bottle, ₹30 for ice-cream and ₹ 25 for milkshake. At this context answer the following questions:



- (I) Somu wants to give a treat to her friends. She bought 12 sandwiches and 12 ice-creams. How much money she paid?

Ans: Total money paid= $12 \times 50 + 12 \times 30$

$$= 12 \times (50+30)$$

$$= 12 \times 80 = ₹ 960 \quad \text{-----2 marks}$$

- (II) Jeet bought 1 milkshake and 1 vegetable sandwich. How much money he paid? Express the total amount in roman numeral.

Ans: Amount paid = $1 \times 25 + 1 \times 50 = 25+50=75 = \text{LXXV}$ -----2 marks

- (III) Name property used: $738 \times (100 + 2) = 738 \times 100 + 738 \times 2$

Ans: Distributive Property -----1 mark
