



INDIAN SCHOOL AL WADI AL KABIR

Pre-Mid-Term Examination (2025-26)

Class: VII

Sub: MATHEMATICS

Max Marks: 30

Date: 13.05.2025

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 Question & Case study Question (Q.17 to Q.18).

NOTE: This question paper consists of 3 printed pages.

Section A: Multiple Choice Question (Q.1 to Q.8) of 1 mark each								
1.	The sum of 3.526 and 11.48 is:							
	A		B	15.006	C		D	
2.	The additive inverse of 18 is:							
	A	-18	B		C		D	
3.	Deepak exercised for $\frac{3}{5}$ of an hour in the morning and $\frac{1}{5}$ of an hour in the evening. Find the total fraction of time he spent on exercise.							
	A	$\frac{4}{5}$	B		C		D	
4.	In a class of 40 students, $\frac{3}{4}$ of the students joined the Math Club. How many students joined the Math Club?							
	A		B		C		D	30 students

5.	Solve: $(-15) + 20 + (-10)$							
	A	-5	B		C		D	
6.	The reciprocal of $\frac{9}{11}$ is:							
	A		B	$\frac{11}{9}$	C		D	
7.	3.458×100 equals:							
	A		B		C		D	345.8
8.	Provide the number in the box so that $\frac{5}{8} \times \square = \frac{15}{40}$							
	A		B	$\frac{3}{5}$	C		D	
	<p align="center">Section B: Source based questions (Q.9 to Q.12) of 1 mark each</p> <p>Vijay had ₹750 with him. He bought stationeries worth ₹ 280.65, food items worth ₹214.25 and the remaining money he kept for his savings. Based on the given information, answer the following:</p>							
9.	How much more money did he spend on stationeries than food?							
	A	₹66.40	B		C		D	
10.	Find the total money spent on stationeries and food.							
	A		B		C	₹494.90	D	
11.	Find the amount of money kept for his savings.							
	A		B	₹255.10	C		D	
12.	If Vijay had ₹1000 instead of ₹750, what would be the amount left with him after the purchase?							
	A	₹505.1	B		C		D	

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

<p>13.</p>	<p>Simplify: $45 + (-12) - (-10)$ (2m)</p> <p>Ans: $45 + (-12) - (-10) = 45 + (-12) + 10$ (1m)</p> <p>$= 43$ (1m)</p>
<p>14.</p>	<p>During the drill practice, the students of class VII were made to stand in rows, so that there are 4 students in a row and the distance between adjacent students is $\frac{3}{4} m$. Find the distance between the first and last student in a row.</p> <p>Ans: Distance between adjacent students = $\frac{3}{4} m$ (1m)</p> <p>Number of gaps in a row = 3</p> <p>Distance between first and last students = $\frac{3}{4} \times 3 = \frac{9}{4} m = 2\frac{1}{4} m$ (1m)</p>
<p>15.</p>	<p>Solve:</p> <p>i. $2\frac{5}{6} \div \frac{5}{7}$</p> $= \frac{17}{6} \div \frac{5}{7}$ $= \frac{17}{6} \times \frac{7}{5}$ $= \frac{119}{30} = 3\frac{29}{30}$ <p style="text-align: right;">($1\frac{1}{2} m$)</p> <p>ii. $30 \div \frac{2}{5}$</p> $= 30 \times \frac{5}{2}$ $= 75$ <p style="text-align: right;">($1\frac{1}{2} m$)</p>
<p>16.</p>	<p>Preetha bought 5.5 m of cloth material for ₹ 46.75. Find how much she had to pay for 1m of cloth. (3m)</p> <p>Ans: Cost of 5.5 m of cloth = ₹ 46.75 ($\frac{1}{2} m$)</p> <p>Cost of 1 m of cloth = ₹ $46.75 \div 5.5$</p> $= \frac{4675}{100} \div \frac{55}{10}$ $= ₹ 8.5$ <p style="text-align: right;">($\frac{1}{2} m$)</p>

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

17. Karthik and Kiran bought 10 litres of orange juice. Karthik drank $\frac{2}{5}$ of the juice and Kiran finished the remaining.

a) What fraction of the juice did Kiran drink? **Ans:** $\frac{3}{5}$

b) How many litres of juice did Karthik drink? $\frac{2}{5} \times 10 = 2\text{L}$

c) Who drank more juice and by how many litres? **Kiran drank more by 1L**

18. Case Study: The students of class VII were taken on a school trip. Out of 72 students, three-fourth of the students opted for Non-vegetarian food and the remaining opted for vegetarian food. Based on the above information, answer the following questions:

a) Find the number of students who opted for non-vegetarian food. **Ans:** $\frac{3}{4} \times 72 = 54$

b) What fraction of number of students opted for vegetarian food? **Ans:** $\frac{1}{4}$

c) The cost of 1 packet of vegetarian food is ₹15 $\frac{3}{4}$, find the total cost of 28 packet.

Ans: $15 \frac{3}{4} \times 28 = \frac{63}{4} \times 28 = ₹441$
