

MATHEMATICS
TEST PAPER
CLASS - VII
INTEGERS

Time: 40Min.

MM: 20

- Note:** (a) Section – A Each question carries 1 mark
(b) Section – B Each question carries 2 marks
(c) Section – C Each question carries 3 marks
(d) Section – D Each question carries 4 marks

Section [A]

1. What will be the sign of the product
 - (a) If we multiply together 209 negative and 11 positive integers?
 - (b) If we multiply together 9 positive and 90 negative integers?
2. What will we get :
 - (a) If we subtract 4 from -4
 - (b) -7 added to 7

Section [B]

3. Find :
 - (a) $(-15) \times 16$
 - (b) $(-23) \times (-25)$.
4. Evaluate :
 - (a) $[(-51) \div 17] \div 3$
 - (b) $[(-8) + 4] \div [(-5) + 1]$

Section [C]

5. The temperature at 12 noon was 10°C above zero. If it decreases at the rate of 2°C per hour until midnight, at what time would the temperature be 8°C below zero? What would be the temperature at mid- night?
6. Evaluate by using proper identity:
 - (a) $(-48) \times 67 - 67 \times 52$
 - (b) $72 \times 5 + 72 \times 4 + 72$

Section [D]

7. A school conducted a class test containing 15 questions. 2 marks are given for correct answer and (-1) marks are given for every incorrect answer.
 - (a) Rajeev attempted all questions but only 10 of his answers are correct. What is his score?
 - (b) Reeta attempted all questions but 7 of her answer are incorrect, find her score.
8. A company earns a profit of ₹ 8 per packet of chocolate and a loss of ₹ 5 per packet of chewing gum.
 - (a) The company sells 3000 packets of chocolate and 5000 packets of chewing gum in a week. What is its profit or loss?
 - (b) What is the number of packets of chocolate it must sell to have neither profit nor loss, if the number of chewing gum packets sold is 6400.