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FARMATIVE ASSESSMENT-I (2015-16)

Time : 90mins   **CLASS- VII MATHS**   **Marks : 40**

MULTIPLE CHOICE QUESTIONS.   5×1=5

1. Which of the following is additive identity

   a) 0   b)1   c)infinite   d)None of these

2. 369÷____=369

   a) 0   b) 1   c)369   d)None of these

3. If two angles are complementary, then the sum of their measures is _____

   a) 180°   b) 60°   c)90°   d)None of these

4. $2-\dfrac{3}{5}$

   a) 7/5   b)5/3   c)-1/5   d)5/7

5. Express 7 paisa as rupees using decimals_____

   a)0.07 rupees   b) 0.7 rupees   c)7 rupees   d) 0.007 rupees

   II) SOLVE THE FOLLOWING PROBLEMS   4X2=8

5. Evaluate 48X (-36) +(-64)x 48 using suitable property.

6. Find the supplement of the angles a) 105^0 b) 154^0

7. Multiply and express as a mixed fraction a) $3 \times 5\dfrac{4}{6}$ b) $5 \times 6\dfrac{3}{5}$

8. Find $\dfrac{651.2}{4}$

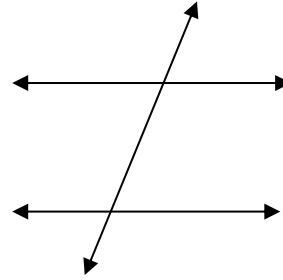**III) SOLVE THE FOLLOWING QUESTIONS.**   5×3=15

9. (a) [(-6)+5]÷[(-2)+1]   (b) 13÷ {(-2)+1}

10. In the adjoining figure, Identify

i) The pairs of corresponding angles

ii) The pairs of alternate interior angles.

iii) The vertically opposite angles.

10 . A Vehicle covers a distance of 43.2 km in 2.4 liters of petrol. How much distances will it Cover in one liter of petrol.?

11. Find   i) $\dfrac{5}{8} \div \dfrac{4}{9}$ ii) $\dfrac{4}{9} \div \dfrac{2}{3}$

12. In quiz, Team A scored -40, 10, 0 and Team B scored 10, 0,-40 in three successive rounds. Which team scored more? Can we say that "integers add in any order"?

IV) ANSWER THE FOLLOWING QUESTIONS.   3×4=12

13 .A certain freezing process requires that room temperature be lowered from 40^0 C at The rate of 5^0 C every hour. What will be the room temperature 10 hours after the Process begins.

14. Arrange the following in descending order:

a) $\dfrac{2}{9}, \dfrac{2}{3}, \dfrac{8}{21}$ b) $\dfrac{5}{17}, \dfrac{5}{8}, \dfrac{5}{12}$

15. In the adjoining figure, if p ∥ q find the unknown angles.