WINTER PRACTICE WORK

CLASS: VI   NAME OF STUDENT………………………………………   DATE:

1. Write all integers between -2 and +2.

2. Simplify 50 – (-40) – (-2) – (-12).

3. Represent the following fraction on the same number line.

    $$\frac{1}{7}, \frac{3}{7}, \frac{5}{7}, \frac{4}{7}, 1$$

4. Subtract 25 from the sum of 30 and (-50).

5. Find the length of each side of a regular pentagon whose perimeter is 100cm.

6. Write 4 fractions equivalent to $\frac{3}{7}$.

7. Fill in the blanks with >, < or = sign. By showing steps of calculations

    -11 + (-30) _____ -2 – (-20)

8. Ram exercised for $\frac{3}{6}$ of an hour while Rohit exercised for $\frac{3}{4}$ of an hour. Who exercised for lesser time by how much?

9. Robert runs around a square park of side 85m. Riya runs around a rectangular park with the length 110m and breadth 70m. Who covers lesser distance by how much?

10. Leena bought 4kg 900g of apples, 2kg 650g of grapes and 5kg 300g of mangoes. Find the weight of the fruits she bought in all?

11. What fraction of a day is 8 hours?

12. Solve:

1) $3\dfrac{2}{3} - 1\dfrac{1}{3}$

2) $\dfrac{2}{3} + \dfrac{3}{4} + \dfrac{1}{2}$

13. Rahul bought 2m 5cm cloth for shirt and 3m 25cm for his pants. Find the total length of the cloth bought by him.

14. Find the cost of fencing rectangular field of length 250m and breadth 150m at the rate of ₹ 12 per metre

15. A vessel had $3\dfrac{1}{4}$ litres of milk. A cat drank $\dfrac{1}{2}$ litres. How much milk is left in the vessel?

16. Subtract from $2\dfrac{1}{6}$ from $3\dfrac{3}{5}$.

17. Find equivalent fractions of $\dfrac{3}{5}$ having

   a) Denominator 20   b) numerator 27

18. Give expression for the following:

   a) y is multiplied by 10 and the result is subtracted from 16.

   b) 2 added to 3 times p

19. Kareena covered a distance of 15km 612m. She travelled 7km 80m by bus and rest by car. How much did she travelled by car.

20. Ramya wants to cover the floor of a room whose length 400cm and breadth is 300cm by square tiles. If each square tiles is of sides 20cm then find the number of tiles required to cover the floor of a room.

Prepared by RAJEENA NINAN