



Subject: - Mathematics

## TEST PAPER

CBSE-7<sup>th</sup>

Topic: - Fractions & Decimals

Time: - 60mins, M.M:-25

### (SECTION A – 1 MARK)

1. The product of the ten fractions  $\frac{0}{1} \times \frac{1}{2} \times \frac{2}{3} \times \frac{3}{4} \times \frac{4}{5} \times \frac{5}{6} \times \frac{6}{7} \times \frac{7}{8} \times \frac{8}{9} \times \frac{9}{10}$  is

- i)  $\frac{1}{10}$                       ii)  $\frac{362880}{3628800}$                       iii) 0                      iv)  $\frac{9}{10}$

2.  $\frac{1}{9}$  of  $\frac{1}{6}$  of  $\frac{1}{3}$  of 56052 =

- i) 356                      ii) 336                      iii) 376                      iv) 346

3. If  $\frac{x}{0.2} = 0.34$ , then x is equals to

- i) 1.7                      ii) 0.68                      iii) 0.068                      iv) 0.17

4.  $1.564 - 0.500 + 3.001 - 2.500$  equals

- i) 3.500                      ii) 1.565                      iii) 2.575                      iv) 3.000

5. What number is equal to  $\left(\frac{0.1}{0.01} + \frac{0.01}{0.1}\right)$ ?

- i) 10.01                      ii) 1.10                      iii) 1.01                      iv) 10.1

### (SECTION B – 2 MARKS)

6. Convert 2302 cm to m and cm.

7. A man spends  $\frac{2}{5}$  of his money and has Rs. 90 left. How much did he have initially?

8. A vehicle uses  $2\frac{2}{5}$  litres of petrol in 1 hour. How many litres of petrol will be required to run the vehicle for  $3\frac{1}{2}$  hours?

### (SECTION C – 3 MARKS)

9. Gauri spends 0.75 of her salary every month. If she earns Rs. 12000 per month, in how many months will she save Rs. 39000?

10. Express  $\frac{2}{7}$  as a decimal correct to 3 d.p.

### (SECTION D – 4 MARKS)

11. A carpenter cuts off from a plank  $\frac{5}{12}$  of its length and then  $\frac{6}{7}$  of what remains. If the remaining piece is  $2\frac{1}{2}$  m long, Find the original length of the plank.

12. Ayushree bought 6.75 kg of biscuits @ Rs. 25.50/kg and 0.475 kg of Plum cake @ Rs. 165.60/kg. She gives the shopkeeper a 500 rupee note. How much change will the shopkeeper return to her?