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(Affiliated to CBSE up to +2 Level)

CLASS: VII

SUB.: MATHEMATICS

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Multiple Choice Questions (Mental Ability)

1. $\frac{1}{2} \times \frac{1}{7} = \square \times \frac{1}{2}$

- (a) $\frac{1}{7}$ (b) $\frac{1}{2}$ (c) $\frac{1}{14}$ (d) $\frac{2}{14}$

2. A fraction equivalent to $\frac{5}{7}$ is

- (a) $\frac{35}{25}$ (b) $\frac{25}{35}$ (c) $\frac{5}{35}$ (d) $\frac{25}{7}$

3. $\frac{1}{2}$ of 400 is

- (a) 200 (b) 100 (c) 800 (d) None

4. If Reena paints a blackboard in $\frac{5}{6}$ minutes, how much time will she take to paint 6 such blackboards

- (a) 10 minutes (b) 6 minutes
(c) 1 minute (d) 5 minutes

5. A 20 litre bucket is $\frac{3}{5}$ full of milk. The amount of milk in the bucket is

- (a) 12 litres (b) 20 litres
(c) 25 litres (d) 9 litres

6. Which of the following is not equivalent to $\frac{3}{5}$

- (a) $\frac{6}{10}$ (b) $\frac{4}{10}$ (c) $\frac{12}{20}$ (d) $\frac{21}{35}$

7. $\frac{3}{2} \div 1$ is equal to

- (a) $\frac{2}{3}$ (b) $\frac{3}{2}$
(c) 1 (d) None

8. $\frac{3}{4} \div 3$ is

- (a) $\frac{1}{4}$ (b) 1 (c) $\frac{4}{3}$ (d) $\frac{9}{4}$

9. $\frac{6}{7} \div \frac{6}{7}$ is

- (a) 0 (b) $\frac{6}{7}$ (c) $\frac{7}{6}$ (d) 1

10. $\frac{3}{4} + \frac{1}{4}$ is equal to

- (a) 0 (b) $\frac{3}{4}$ (c) 1 (d) $\frac{4}{3}$