

Time: 40 Min

M.M. - 20

INSTRUCTIONS:-

(1) This question paper contains 8 questions and all the questions are compulsory to attempt.

(2) Marks are indicated against each question.

1. Choose the correct answer in the following question.

$(\frac{1}{2} \times 4 = 2)$

- (i) The value of $-8 - (-4)$ is:
 (a) -12 (b) 4 (c) -4 (d) 0
- (ii) The equivalent fraction of $\frac{3}{5}$ is:
 (a) $\frac{6}{5}$ (b) $\frac{3}{10}$ (c) $\frac{6}{10}$ (d) none of these
- (iii) Fill appropriate sign between $\frac{1}{2} \dots \frac{1}{5}$.
 (a) $>$ (b) $>$ (c) $=$ (d) none of these
- (iv) The simplest form of $\frac{12}{60}$ is:
 (a) $\frac{6}{30}$ (b) $\frac{3}{15}$ (c) $\frac{1}{5}$ (d) none of these

2. Fill in the blanks:

- (i) $(-8) + \dots = 0$. (iii) $\frac{7}{10} - \dots = \frac{3}{10}$. **$(\frac{1}{2} \times 4 = 2)$**
- (ii) $\dots + \frac{3}{6} = \frac{3}{6}$. (iv) Simplest form of $\frac{7}{28}$ is -----.

3. Give the answer of the following questions in one word or in one line. (1 X 6 = 6)

- (i) Represent -6 on a number line.
- (ii) Find the sum of -50 , -200 and 300 .
- (iii) What fraction of a day is 8 hours?
- (iv) Express $\frac{35}{9}$ as mixed fractions.
- (v) Reduce $\frac{150}{60}$ to the simplest form.
- (vi) Compare $\frac{4}{5}$ and $\frac{5}{6}$.
- 4. Jaidev takes $2\frac{1}{5}$ minutes to walk across the school ground. Rahul takes $\frac{7}{4}$ minutes to do the same. Who takes less time and by what fraction? (2)**
- 5. Naina was given $1\frac{1}{2}$ piece of cake and Nazma was given $1\frac{1}{3}$ piece of cake. find the total amount of cake was given to both of them. (2)**
- 6. Write the natural numbers from 2 to 12. What fraction of them are prime numbers? (2)**
- 7. Find: $50 - (-40) - (-2)$. (2)**
- 8. Simplify: $8\frac{1}{4} - 2\frac{5}{6} + 1\frac{1}{3}$. (2)**