

VII - Mathematics Test No-03 - Fractions And Decimals - M.C.Q. Type

M.M=50

Choose the correct answer from the multiple answers.

Instructions:Max. Marks = 50; Max Time = 90 min

1. In all there are 25 questions.
2. Each question carries two marks.
3. There is no negative marking.
4. Selecting more than one answer gives you zero mark, in that question.

(Q1) If the numerator of a fraction is less than the denominator then the fraction is

- (i) proper (ii) Improper (iii) mixed (iv) Equivalent.

(Q2) A fraction can be converted into a mixed fraction if it is

- (i) proper (ii) Improper (iii) Equivalent (iv) none of these

(Q3) The fraction  $2\frac{2}{5} - 1\frac{1}{4}$  is

- (i)  $1\frac{4}{20}$  (ii)  $1\frac{5}{20}$  (iii)  $1\frac{3}{20}$  (iv)  $1\frac{1}{20}$

Cont - Pg-2

(Q4) The sides of a triangle are  $1\frac{1}{2}$  cm,  $3\frac{5}{2}$  cm and  $2\frac{7}{2}$  cm. The perimeter of triangle is

- (i)  $12\frac{3}{2}$  cm (ii)  $13\frac{3}{2}$  cm (iii)  $11\frac{1}{2}$  cm (iv)  $12\frac{1}{2}$  cm

(Q5) Put the relation in  $\frac{2}{3}$  is .....  $\frac{5}{3}$

- (i) < (ii) > (iii) = (iv)  $\Rightarrow$

(Q6) Put the relation in  $3\frac{2}{7}$  is .....  $1\frac{2}{5}$

- (i) < (ii) > (iii) = (iv)  $\Rightarrow$

(Q7) Simplified form of  $2\frac{3}{5} \div 5\frac{1}{5}$  is

- (i)  $\frac{5}{13}$  (ii)  $\frac{5}{26}$  (iii)  $\frac{1}{2}$  (iv)  $\frac{1}{4}$

(Q8) The number  $-2\frac{5}{6}$  is equivalent to

- (i)  $-2 + \frac{5}{6}$  (ii)  $-2 \times \frac{5}{6}$  (iii)  $-2 + 5 \div 6$  (iv)  $-2 - \frac{5}{6}$

(Q9) Ascending order of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$  is

- (i)  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$  (ii)  $\frac{1}{8}$ ,  $\frac{1}{2}$ ,  $\frac{1}{4}$  (iii)  $\frac{1}{4}$ ,  $\frac{1}{8}$ ,  $\frac{1}{2}$  (iv)  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$ .

Cont Pg-3

(Q10) Mohan has Rs 15 in his pocket. Pg-3  
He spent  $\frac{2}{3}$ rd money. What fraction  
of money left with him?

- (i)  $\frac{3}{15}$  (ii)  $\frac{1}{3}$  (iii)  $\frac{3}{2}$  (iv)  $\frac{2}{15}$

(Q11) Simplified form of  $4\frac{1}{2} \times 3\frac{1}{5} \times \frac{1}{3}$  is

- (i)  $4\frac{3}{5}$  (ii)  $4\frac{2}{5}$  (iii)  $4\frac{4}{5}$  (iv)  $4\frac{1}{5}$

(Q12) Multiply  $\frac{14}{27}$  by  $\frac{3}{7}$ , the result is

- (i)  $\frac{3}{7}$  (ii)  $\frac{4}{9}$  (iii)  $\frac{5}{9}$  (iv)  $\frac{2}{9}$

(Q13) The product of  $2\frac{1}{7} \times 1\frac{3}{46} \times 1\frac{5}{18} \times \frac{5}{7}$

- (i)  $2\frac{3}{36}$  (ii)  $2\frac{5}{36}$  (iii)  $2\frac{1}{36}$  (iv)  $3\frac{2}{36}$

(Q14) Cost of 1 bread is Rs  $8\frac{1}{2}$ . Then the  
Cost of 5 breads is

- (i) Rs  $43\frac{1}{2}$  (ii) Rs  $42\frac{1}{2}$  (iii) Rs  $42\frac{3}{4}$  (iv) Rs  $42\frac{1}{5}$

(Q15) Cost of 1 kg vegetables is Rs 28, then the  
Cost of  $\frac{1}{4}$  kg vegetables is

- (i) Rs 21 (ii) Rs 14 (iii) Rs 7 (iv) Rs  $14\frac{1}{2}$

Cont Pg-4

(Q16) Sunil bought 3 dozen oranges. He found  $\frac{2}{9}$  of them rotten. The number of rotten oranges was.

- (i) 4      (ii) 6      (iii) 7      (iv) 8

(Q17) The addition of  $0.01 + 0.001 + 0.0001$  is

- (i) 0.0111      (ii) 0.111      (iii) 0.0011      (iv) 0.0101

(Q18) The product of 45.2 and 0.001 is

- (i) 0.00452      (ii) 0.0452      (iii) 45.2      (iv) 4.520

(Q19) Decimal form of  $\frac{1}{8}$  is

- (i) 0.025      (ii) 0.0125      (iii) 0.125      (iv) 1.25

(Q20) When 1.225 is divided by 0.0035 the quotient is

- (i) 3.50      (ii) 35.0      (iii) 350      (iv) 350.0

(Q21) When 0.0035 is subtracted from 5, the result is

- (i) 4.9965      (ii) 49.965      (iii) 0.49965      (iv) 4.0065

Cont-Pg-5

(Q22) Put the relation

$>$ ,  $<$ ,  $=$  in 0.035 and 0.0035

(i)  $0.035 < 0.0035$  (ii)  $0.035 > 0.0035$

(iii)  $0.035 = 0.0035$  (iv) none of these

(Q23) The expanded form of a number is

$2 \times 100 + 5 \times 10 + 3 \times 1 + 4 \times \frac{1}{10} + 1 \times \frac{1}{10^2} + 7 \times \frac{1}{10^3}$ , the number is

(i) 25.3417 (ii) 2.53417 (iii) 253.417 (iv) 2534.17

(Q24) Express 5 m.m. in km.

(i) 0.00005 km (ii) 0.0005 km

(iii) 0.0000005 km (iv) 0.000005 km.

(Q25) The place value of 2 in 10.25 is

(i) tenths (ii) hundredth (iii) unit (iv) thousand.

