

Name :

Class :

Section :

Roll No.

**PART - A**

**I. Answer the following questions.**

(10 x 3 = 30)

- Rearrange the following in ascending order and descending order.  
596471, 967145, 897620, 975600, 876608
- Write the corresponding Roman numerals for each Hindu-Arabic numerals given below :  
99, 103, 112
- Find all prime numbers between 1 and 100.
- Prove that 37, 38 are co-primes.
- The product of two numbers is 1008. If their L.C.M. is 252, Find their H.C.F.
- A roll of cloth measures  $15\frac{7}{12}$  m. Two pieces of lengths  $3\frac{3}{4}$  m and  $5\frac{3}{8}$  m are cut from it. What length of cloth still remains ?
- Convert  $1\frac{7}{10}$ ,  $2\frac{9}{20}$  and  $3\frac{11}{100}$  into like fractions.
- Sriram purchases  $4\frac{4}{5}$  metres of pant cloth and  $9\frac{7}{10}$  metres of shirting cloth. Find its total length of the cloth Sriram purchases.
- Find the value of  $\frac{1}{3}$  of 36 kilograms.
- Find  $1\frac{41}{64} \div \frac{15}{32}$

**II. Answer any ONE of the following.**

(1 x 8 = 8)

1. A car required  $7\frac{1}{2}$  l of petrol for a journey of  $112\frac{1}{2}$  km. How far can the car travel with 1 litre of petrol ?
2. How many frocks can be made out of 16 m of cloth if each frock requires  $1\frac{1}{3}$  m cloth.

**III. Answer any ONE of the following.**

(1 x 8 = 8)

1. A worker gets a payment of Rs.  $17\frac{1}{2}$  for each hour he works. What total amount does he receive if he works for 6 hours ?
2. A mango seller puts 126 mangoes for sale. If he sells away  $\frac{2}{3}$  of the mangoes by noon, find the number of mangoes he sells. How many are left ?

**IV. Answer any ONE of the following.**

(1 x 8 = 8)

1. Two numbers have their L.C.M. equal to 240 and H.C.F. equal to 16. If one number is 48, what is the other one ?
2. Three bells at regular intervals of 15 min. 20 min. and 40 min. respectively. If all the three ring together at 6 a.m., at what time afterwards will they ring together for the second time ?

**V. Answer any ONE of the following.**

(1 x 6 = 6)

1. What are the least and the largest whole numbers between 100 and 200, which leave 10 as remainder when divided by both 18 and 27 ?
2.  $17\frac{1}{2}$  kg of chocolates are made into small packets each of which weighing  $1\frac{1}{6}$  kg. Find the number of packets.



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**PART - B**

**I. Choose the correct answer.**

(10 x 1 = 10)

1. A factor of 64 is (    )  
 a) 5 b) 6 c) 8
2. The place value of 3 in 26392 is (    )  
 a) 30 b) 3 c) 300
3. LXXXIV (    )  
 a) 74 b) 84 c) 54
4. 10 million = \_\_\_\_\_ lakhs. (    )  
 a) 10 b) 1 c) 100
5. The largest prime number less than 100 is (    )  
 a) 99 b) 93 c) 97
6.  $\frac{27}{36} =$  (    )  
 a)  $\frac{27}{12}$  b)  $\frac{9}{36}$  c)  $\frac{3}{4}$
7.  $\frac{13}{18} - \frac{7}{18} =$  (    )  
 a)  $\frac{14}{36}$  b)  $\frac{4}{0}$  c)  $\frac{4}{18}$
8.  $\frac{3}{5}$  of a rupee is (    )  
 a) 60 P. b) 30 P. c) 50 P.
9.  $15 \times \frac{8}{5} =$  (    )  
 a) 24 b)  $\frac{23}{5}$  c) 32
10.  $16 \div \frac{1}{4}$  (    )  
 a) 64 b) 4 c) 12

## II. Fill in the blanks.

(20 x 1 = 20)

1. A even prime number is \_\_\_\_\_
2. \_\_\_\_\_ is neither composite nor prime.
3. 372613 \_\_\_\_\_ 362713 (use < or >).
4. Every number is a multiple of \_\_\_\_\_
5. H.C. F. of 62 and 63 is \_\_\_\_\_
6. The L.C.M. of 11 and 12 is \_\_\_\_\_
7.  $\frac{6}{3} + \frac{3}{9} =$  \_\_\_\_\_
8.  $24 \times \frac{3}{8} =$  \_\_\_\_\_
9.  $\frac{3}{8}$  of 96 Mangoes = \_\_\_\_\_
10. Multiplicative inverse of  $\frac{15}{16}$  is \_\_\_\_\_
11. The numeral of 6 million, 8 hundred and 2 is \_\_\_\_\_
12. If a number is divisible by 2, the last digit should be \_\_\_\_\_ or \_\_\_\_\_
13. The immediate prime number greater than 10 is \_\_\_\_\_
14.  $\frac{11}{\boxed{?}} = \frac{99}{117}$  \_\_\_\_\_
15. H.C.F. of 51 and 54 is \_\_\_\_\_
16.  $8\frac{1}{3} \times 7\frac{1}{7} =$  \_\_\_\_\_  $\times 8\frac{1}{3}$
17.  $\frac{10}{11} \times \frac{22}{39} \times \frac{13}{50} =$  \_\_\_\_\_
18. Improper fraction of  $14\frac{2}{7}$  is \_\_\_\_\_
19.  $\frac{3}{16} \div \frac{3}{16} =$  \_\_\_\_\_
20.  $0 \times \frac{3}{4} =$  \_\_\_\_\_

### III. Match the following.

(10 x 1 = 10)

#### GROUP - A

A

B

1.  $\frac{9}{14} \div \frac{9}{14}$

a) 2

2.  $\frac{2}{3} + \frac{3}{4} - \frac{4}{5}$

b) 1

3.  $3\frac{1}{3} \times \frac{3}{5}$

c)  $\frac{1}{20}$

4.  $\frac{9}{5} - \frac{7}{4}$

d)  $\frac{10}{11}$

5.  $\frac{80}{88}$

e)  $\frac{37}{60}$

#### GROUP - B

A

B

1. L.C.M. of 15, 50, 75 is

a) 18

2. Multiple of 9 is

b) 72389

3. XCVI

c) 150

4. Predecessor of 72390

d) 72391

5. Successor of 72390

e) 96



