



**FUSCO'S SCHOOL (ICSE)**  
INDIRANAGAR, BANGALORE  
HALF YEARLY EXAMINATION 2016 – 17  
Subject: MATHEMATICS

**Time Allowed: 2Hrs 30min**  
**Total Marks : 80**

**Class : IV**

✧ **GENERAL INSTRUCTION** ✧

- Answer to this paper must be written on the paper provided separately with a neat Handwriting.
- You will not be allowed to write during the first 15min. This time to be spent in reading the question paper.
- The time given at head of paper is the time allowed for writing the answers.
- Attempt all questions from Question No 1 to Question No 3.
- All working, including rough work, must be clearly shown and must be done on the right side of the same sheet as rest of the answer omission of essential working will result in the loss of marks.
- The intended marks for questions or part of questions are given in the brackets.

**QUESTION NO. 01**

**I. Fill in the blanks with appropriate answer:**

(1 × 10 = 10)

1. In a fraction the number written above the horizontal line is called \_\_\_\_\_
2. \_\_\_\_\_ must be added to 7438 to get 9000.
3.  $2 \times 1 \square = 20$
4.  $131 \times 738 \times 1 = 738 \times \square \times 131$
5. Smallest 6 digit number – 1 = \_\_\_\_\_
6. Fill the missing number to make the fraction equivalent  $\frac{3}{12} = \frac{36}{\square}$
7. Multiply 2 by  $\frac{2}{7}$
8. Reduce the given fraction to their simplest form  $\frac{21}{28}$
9. Convert the following to mixed fraction  $\frac{10}{7} = \square$
10. Reciprocal of  $2\frac{2}{5}$  is \_\_\_\_\_

(1 × 5 = 5)

**II. Match the following:**

1.  $\frac{1}{3}$  of 18
  2.  $\frac{3}{4}, \frac{6}{8}, \square$
  3.  $\frac{9}{4} = \square$
  4. The only even prime number is
  5.  $2\frac{3}{5}$
- a)  $\frac{9}{12}$
  - b) 2
  - c) 6
  - d)  $\frac{13}{5}$
  - e)  $2\frac{1}{4}$

**III. State True or False:**

(1 × 5 = 5)

1. A number subtracted from itself is gives Zero as the difference. [    ]
2.  $333 \times 200 = 33300$  [    ]
3.  $N > D$  it is a proper fraction. [    ]
4.  $\frac{56}{9}$  is equal to  $6\frac{2}{9}$  [    ]
5. In the given fraction  $\frac{4}{5} > \frac{6}{5}$  [    ]

**QUESTION NO. 02**

**IV. Answer the following:**

(2 × 5 = 10)

1. Find the difference; a) 
$$\begin{array}{r} 3\ 0\ 0\ 8\ 9\ 1 \\ -2\ 7\ 9\ 1\ 2\ 9 \\ \hline \end{array}$$
 b) 
$$\begin{array}{r} 8\ 0\ 8\ 2\ 6\ 5 \\ -2\ 4\ 7\ 3\ 5\ 6 \\ \hline \end{array}$$

2. Find the product ; a)  $321 \times 431$   
b)  $763 \times 276$

3. Write the next four equivalent fractions for the following;  $\frac{3}{4}$ , \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_;

4. Add  $\frac{4}{12}$ ,  $\frac{7}{12}$  and  $\frac{9}{12}$

5. Multiply: a)  $8 \times \frac{6}{9}$  b)  $7 \times \frac{12}{6}$

**VI. What is the difference between?**

(1.5+1.5=3)

- a) The largest 3-digit number and the largest 4-digit number.
- b) The Smallest 6-digit number and the largest 5-digit number

**VII. Solve:**

(1.5+1.5=3)

- a) Multiply: Two hundred eighteen by four hundred sixty.
- b) Divide: Three Hundred and sixty four by four.

**VIII Change the given fraction:**

(1.5+1.5=3)

- a) Change the given improper fraction in to mixed fraction;  $\frac{73}{9}$
- b) Change the given mixed fraction in to improper fraction;  $1\frac{7}{10}$

**IX. Find:**

(1.5+1.5=3)

- a)  $\frac{6}{5}$  of 120 km.
- b)  $\frac{4}{10}$  Of a Kg

**X. Add;**  $\frac{17}{5} + \frac{1}{4} + \frac{4}{2}$

(3 x 1 = 3)

**QUESTION NO. 03**

(4 + 4 = 8)

**XI. Simplify :**

1.  $6\frac{1}{2} \div 1\frac{1}{2}$

2.  $4\frac{1}{2} + 1\frac{3}{7} - 2\frac{1}{3}$

**XII. Find:**

(2 + 2 = 4)

.1. a) Find the missing Subtrahend:

$$\begin{array}{r} 3\ 2\ 8\ 5\ 6\ 2 \\ - \boxed{\phantom{000000}} \\ \hline 1\ 1\ 6\ 5\ 6\ 3 \end{array}$$

b) Find the missing Minuend:

$$\begin{array}{r} \boxed{\phantom{000000}} \\ - 3\ 5\ 4\ 7\ 2\ 8 \\ \hline \hline \end{array}$$

**XIII. Multiply:**

(2 + 2 = 4)

a) Two thousand one hundred twenty five by two hundred sixteen.

b) By Suitable re-arrangement multiply  $871 \times 5 \times 40$

**XIV. Write in ascending order;**  $\frac{1}{5}, \frac{2}{15}, \frac{3}{10}, \frac{7}{20}$

(4 X 1 = 4)

**XV. Solve:**

(5+5+5=15)

1. A milk tanker contains 100 liters of milk,  $65\frac{2}{3}$  liters of milk is used. How much milk is left in the tanker?

2. A student was told to write the numeral for nineteen thousand three hundred fifty six. But he wrote ninety thousand five hundred thirty six. Write both in the numerals and find the difference between them.

3. Which is greater, the difference between  $1\frac{3}{4}$  and  $\frac{17}{2}$  or the sum of  $1\frac{1}{2}$  and  $3\frac{1}{4}$ .