FUSCO'S SCHOOL (ICSE)

INDIRANAGAR, BANGALORE

HALF YEARLY EXAMINATION 2016 – 17

Subject: MATHEMATICS

Time Allowed: 2Hrs 30min

Total Marks : 80

Class: V

✧ 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

(1 × 10 = 10)

I. Fill in the blank:

1. The difference of a given number and 1 is the _____ of the number.
2. 13 X 27 X 367 = 27 X _____ X 367
3. Division is the _____ of multiplication.
4. Write the following as fraction 91 ÷ 19 = _____
5. Write the lowest term $\frac{45}{63}$ = _____
6. The reciprocal of an improper fraction is a _____ fraction.
7. Part of whole is _____
8. $\frac{456}{10000}$ = _____
9. 8 thousand + 8 ones + 3 tenths + 9 Hundredths = _____
10. 4.64 X 5.3 = _____

II. Match the following: **(1 × 5 = 5)**

A	B
1. $\frac{3}{2}$	a. 1
2. $\frac{19}{21} \div \frac{19}{21}$	b. 10.8
3. Tenths.	c. $1\frac{1}{2}$
4. 0.9 X 12 = 12 X 0.9	d. $\frac{18}{5}$
5. $\frac{5}{18}$	e. $\frac{1}{10}$

III. State True or False: **(1 × 5 = 5)**

1. The answer found by dividing one number by another number is called remainder. [ ]
2. $\frac{3}{2}$ is equal to $\frac{21}{14}$ [ ]
3. We have to divide by thousand if there are three digits after the decimal. [ ]
4. Like fractions which are equal in value are called. [ ]
5. 0.000743 $= \frac{743}{1000000}$. [ ]

QUESTION NO. 02

IV. Answer the following: **(2 × 5 = 10)**

1. Arrange in column and add 769951; 3727690; 85975671 and 562395676.
2. Simplify ; 20 ÷ 4+5
3. Write the common factor for 120 and 156.
4. $\frac{13}{12} = \frac{39}{?}$ Find the missing one.
5. Write the expanded form for decimal 163.023

V. Multiply **(1.5 X 4 = 6)**

1. a) 1423 X 3700
   b) 3742 X 453
2. a) $\frac{8}{3} X \frac{1}{7} X \frac{4}{5}$
   b) $\frac{6}{8} X \frac{12}{13} X 7$

VI. Find the following: **(3+3=6)**

1. Find the HCF for 136 and 170 using Division method
2. Find the LCM for 36,60 and 72 using prime factorization method.

VII. Solve: **(1.5+1.5=3)**

1. Frame the word statement for the following;
   a) 50 + (7 – 2)
   b) (21 ÷ 3) +

QUESTION NO. 03

VIII. Divide: **(4+2=06)**

1. a) $6\frac{2}{3} \div 4\frac{1}{5}$
   b) $48 \div 1.92$

IX. Find the following **(4+2=06)**

2. a) The product of two numbers is 2160 if HCF is 12 find their LCM.
   b) Find the product ; 895.41 X 1.01

X. Simplify: **(4+4=08)**

a)Simplify using BODMAS ; $8.5 - \{4.07 - (1.2 - 0.9)\}$ of 1.6.

b) Simplify; $25 \div [1 + \{8 + (7\frac{1}{3} + 8\frac{2}{3})\}]$

XI. Answer the following: **(5+5+5=15)**

1. The sum of two numbers is 67, 35, 79,845 if one of them is 49, 27, 98,546 find the other one.

2. Shwetha travelled 2.07 km by foot, 12.1 km by bus and the rest by scooty. If she travelled a distance of 29.05 km. find the distance she covered by scooty.

3. Pramod needs 1.30m of cloths for a shirt and 2.75m for a pant for a safari suit. His uncle gifted a piece of cloth. But the cloth fell short by 0.85m. What was the length of cloth gifted by his uncle?