

Grade: V

Subject: Compulsory Mathematics

Time: 1 hour 30 minutes

Full Marks: 50

Pass Marks: 20

**Group A: [20 \* 1 = 20]**

1. Select the correct answer from the given options.
  - a. Which one of the following is one billion?
    - i. 100000
    - ii. 1000000000
    - iii. 100000000
    - 0
  - b. Which is the smallest 6-digit number?
    - i. 600000
    - ii. 666666
    - iii. 10000
  - c. Which one is the prime number in the following numbers?
    - i. 91
    - ii. 95
    - iii. 97
  - d. What is the quotient of  $72000 \div 900$ ?
    - i. 80
    - ii. 800
    - iii. 8
  - e. The prime factors of 24 are:
    - i. 2, 2, 3
    - ii. 2, 2, 2, 3
    - iii. 2, 3, 3
  - f. What is the H.C.F. of 4 and 8?
    - i. 12
    - ii. 8
    - iii. 4
  - g. What is the L. C. M. of 15 and 20?
    - i. 5
    - ii. 60
    - iii. 120
  - h. Which one is the square number in the following numbers?
    - i. 16
    - ii. 18
    - iii. 20
  - i. What is the cube root of 8?
    - i. 6
    - ii. 4
    - iii. 2
  - j. Which one is the improper fraction equal to the mixed number  $5\frac{3}{5}$ ?
    - i.  $\frac{13}{5}$
    - ii.  $\frac{28}{5}$
    - iii.  $\frac{75}{5}$
  - k.  $\frac{5}{8}$  and  $\frac{6}{9}$  are:
    - i. unlike and proper fraction
    - ii. like and improper fraction
    - iii. unlike and improper fraction
  - l. What is the value of  $\frac{2}{3}$  of Rs 30?
    - i. 10
    - ii. 15
    - iii. 20
  - m. What is the product of  $\frac{2}{3} \times \frac{3}{4}$ ?
    - i.  $\frac{1}{2}$
    - ii. 2
    - iii.  $\frac{6}{8}$
  - n. What is the difference of  $0.5 - 0.05$ ?
    - i. 0.45
    - ii. 0.55
    - iii. 0

- Group B: [10 \* 1 = 10]**

- The numbers that can be divided by 2 are called -----numbers.
- The product of two numbers is 42 and one of them is 7. The other number is -----.
- Cube root of 27 = -----
- The prime factors of 15 are -----and -----.
- In 0.07 the place of 7 is-----and place value is -----.
- The reciprocal of is -----.
- If the rate of cost of eraser is Rs 5 per piece, the cost of 6 eraser is -----.
- There are -----months in 2 years 6 months.
- There are -----days in 2 weeks 4 days.
- 1 leap year = -----days.

### Group C [5 \* 4 = 20]

- Best Wishes!!!*