

### **Q1. Choose the correct answer.**

i) A number is divisible by 10 if its ones place digit is \_\_\_\_\_.

a) 5      b) 0      c) both 'a' and 'b'

ii) The only even prime number is \_\_\_\_\_.

a) 2      b) 4      c) 0

iii) 1, 3, 5 and 15 are the factors of \_\_\_\_\_.

a) 5      b) 15      c) 3

iv) \_\_\_\_\_ cannot be the divisor of any number.

a) 1      b) 0      c) 2

v) 39 is a/an \_\_\_\_\_ number.

a) prime      b) even      c) composite

vi) Factors of 35 are \_\_\_\_\_.

a) 1, 5, 35      b) 1, 7, 35      c) 1, 5, 7, 35

vii) HCF of 6 and 9 is \_\_\_\_\_.

a) 3      b) 6      c) 9

viii) Greatest prime number less than 50 is \_\_\_\_\_.

a) 49      b) 47      c) 48

## Q2. Mark the given statements as True or False.

- a) Prime numbers have more than 2 factors. T / F
- b) 3 is a factor of 36. T / F
- c) 2 is the smallest composite number. T / F
- d) 40 is divisible by 2, 3 and 10. T / F
- e) 6 is a divisor as well as factor of 42. T / F
- f) All factors of a number are its divisors. T / F
- g) 37 is a composite number. T / F
- h) 323 is divisible by 5. T / F
- e) HCF of 2 or more prime numbers is always 1. T / F

## Q3. Answer the following questions by selecting the right option from the given table.

20, 30, 50	5	36, 38, 39
1, 5, 25	14, 21, 28	24, 39, 51

- a) What are the factors of 25 ? \_\_\_\_\_
- b) Which numbers are divisible by 2, 5 and 10 ? \_\_\_\_\_
- c) Which numbers are divisible by 3? \_\_\_\_\_
- d) What is the HCF of 5 and 15 ? \_\_\_\_\_
- e) Which numbers have 7 as their common factor? \_\_\_\_\_
- f) What are composite numbers between 35 and 40. \_\_\_\_\_

**Q4. Factors of 36 are given below. Fill in the blanks by looking at the given factors.**

**Factors of 36: 1, 2, 3, 4, 6, 9, 12, 18, 36**

Prime factors: \_\_\_\_\_

Composite factors: \_\_\_\_\_

Even factors: \_\_\_\_\_

Odd factors: \_\_\_\_\_

Least factor: \_\_\_\_\_

Greatest factor: \_\_\_\_\_

**Q5. Complete the following activity.**

Factors of 3: \_\_\_\_\_, \_\_\_\_\_

Factors of 5: \_\_\_\_\_, \_\_\_\_\_

Common factor(s) of 3 and 5: \_\_\_\_\_

HCF of 3 and 5: \_\_\_\_\_