



Name:

Subject: Maths

Class: 5\_\_

Roll no:\_\_\_\_\_

Topic: Multiple & Factor

Q.1 Multiple choice Questions:

1. The factors of 30 are:

- a) 1,3,9,6,30
- b) 1,2,3,5,6,10,15,30
- c) 1,3,5,6,15,30

2. The smallest prime number is:

- a) 2
- b) 1
- c) 3

3. Which of the following is divisible by 9?

- a) 561
- b) 468
- c) 233

4. What is the greatest common factor of 24 and 36?

- a) 12
- b) 18
- c) 24

5. Two consecutive prime numbers are:

- a) 1 and 2
- b) 2 and 3
- c) 2 and 4

Q.2 Fill in The Blanks:

1. The H.C.F. of 23 and 35 is \_\_\_\_\_ .

2. The smallest 2-digit prime number is \_\_\_\_\_.

3. Every multiple of 2 is an \_\_\_\_\_ number.

4. The numbers with only 2 factors are called \_\_\_\_\_ numbers.

5. A number can have \_\_\_\_\_ multiples.

Q.3 Match the following:

- |                        |           |
|------------------------|-----------|
| 1) HCF OF 6 and 8      | 2x3x5     |
| 2) Prime factor of 45  | 11 and 13 |
| 3) LCM OF 5,7          | 2, 2, 2   |
| 4) Prime factors of 30 | 2         |

5) Factors of 8 35

6) prime numbers 3x3x5

Q.4 True/False

1. 383 is divisible by 3. ( )

2. All the odd numbers are composite numbers. ( )

3. A composite number has only two factors. ( )

4. 1 is a prime number. ( )

5. Every number is a factor of itself. ( )

Q5. Solve the following by using any method:

a) HCF of 24, 44, 66

b) LCM of 40, 60, 80

Q6. Word problem:

a) What is the least number of saplings that can be arranged in rows of 14, 20 or 30 in each row?

Sol:

b) Shriya wants to plant 36 sunflower plants and 48 rose plants in her garden. What is the greatest number of rows possible if each row has the same number of marigold plants and the same number of rose plants.

Sol: