



STD- IV

Duration : 2 hours

Subject - Maths  
Marks - 50

Q1) Fill in the blanks :

( 6 M)

- 1) When two numbers have only 1 as their common factor , they are called \_\_\_\_\_.
- 2) A number which is the sum of all of its factors except the number itself , is called \_\_\_\_\_ numbers.
- 3) A \_\_\_\_\_ is a representation of numbers using bars of uniform widths.
- 4) Numbers which have more than two factors are called \_\_\_\_\_ numbers.
- 5) A \_\_\_\_\_ is a pictorial representation of data in the form of a circular graph.
  
- 6) If two prime numbers have only one number between them , then they are called \_\_\_\_\_ numbers .

Q2) Solve the following :

( 6 M)

1) Tick the correct boxes :

Numbers	Divisible by 2	Divisible by 3	Divisible 5
235			
123			
352			

2 ) Which smallest digit will you add at the end to make these numbers divisible:

a) 5262 ( divisible by 2 )

b) 4402 ( divisible by 3 )

3) Which of these numbers is multiple of both 2 and 5 -- 15 , 12, 18, 65, 10, 2

Q3 ) Solve the following :

( 8 M)

1) Write prime numbers :

a) between 55 to 75 \_\_\_\_\_

b) between 10 to 30 \_\_\_\_\_

2) Find the common factor of the following :

a) 20 , 25

b) 15 , 12

Q4) Solve the following :

( 12 M)

1) Find the factors of 32 ( using division method ) .

2) Find twin numbers below 50 .

3) Find the factor of 24 ( using tree method ) .

4) Find the common multiples of 8 and 10 .

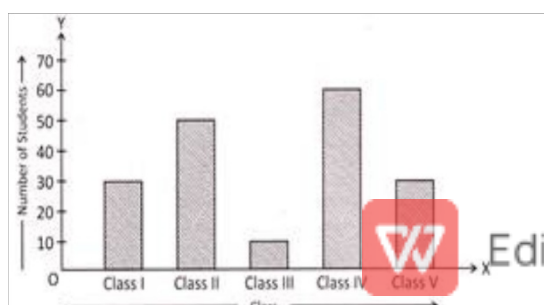
Q5) Solve the following :

( 8 M)

1) Draw a pie graph of class IV students

Sports	Football	Cricket	Basketball	Volley ball
Number of students	6	12	3	3

2) Observe the bar graph given below and answer the following questions :

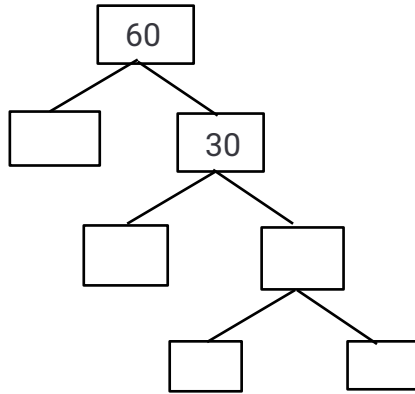


- a) How many students of class- II and V altogether participated in the competition ?
- b) How many students are there in class - I ?
- c) How many students of class-IV participated in the competition in comparison to class-III ?
- d) How many students in total of all five classes participated in the competition ?

**Q6) Solve the following**

**( 10 M )**

- 1) Fill in the boxes.



- 2) Draw a bar graph for the following data

- a) Favourite Vegetables of students of class IV .

Favourite vegetable	Tomato	Potato	Onion	Capsicum	Cucumber
Number of students	5	10	20	25	15

