

BHARATH COACHING CENTRE

6th cbse

Maths

Total: 40

Data Handling

Time: 45 mins

SECTION-A

$$1 \times 6 = 6$$

1. Bar graph is also called as..... graph.
2. Ais a collection of numbers gathered to give some information.
3. Representation of data with the help of tally marks is called
4. The number of trees in different parks of a city are 33,38,48,33,34,34,33,24 then the mode of the data is....
5. The collection of facts, figures, numbers etc. is called.....
6. If Δ represents 5 balloons, number of symbols to be drawn to represent 60 balloons is...

SECTION-B

$$2 \times 5 = 10$$

1. In a cricket match score of 11 players are given below: 91,67,2,12,34,14,10,25,16,1,23. What are highest score, lowest score and range in given data?
2. The mean of first 4 multiple of 4 is
3. An urn contains 3 red balls and 9 yellow balls. What is the probability of drawing a yellow ball from the urn?
4. Two unbiased coins are tossed simultaneously. What is the probability of getting at least one head?
5. A die is rolled. What is the probability of getting a prime number?

SECTION-C

$$4 \times 3 = 12$$

1. The weight of 25 students of class Xth in kg given as below:

35,38,40,45,43,39,45.5,37,46,45,36,37,46,39,38, 40,41,42, 42,43,38,37,36,49,50. How many students have 50 or more than weight?

2. Given below are the ages of 25 students of class V in a school. Prepare a tall chart from the given data:15,16,16,16,16,14,14,16, 17,15,17,16,16,16,15,15, 15,14,16,14,16,15,17,15,17,15,15.
3. In a test, marks obtained by the 40 students are as follows, arrange them in table by using tally marks.

8	1	3	7	6	5	5	4	4	2
4	9	5	3	7	1	6	5	2	7
7	3	8	4	2	8	9	5	8	6
7	4	5	6	9	6	4	4	6	6

Also find:

- a. How many students obtained maximum marks?
- b. How many students obtained minimum marks?
- c. How many students obtained marks more than 4?
4. The given pictograph shows the money earned by Amita in five months. How much more money did she earn in the month of January than in May?

Month	Money earned in week 1	Money earned in week 2	Money earned in week 3	Money earned in week 4
January	10000	10000	10000	10000
February	10000	10000	5000	5000
March	10000	5000	5000	10000
April	10000	5000	5000	5000
May	10000	10000	10000	5000

SECTION-D

$$3 \times 4 = 12$$

1. Data given below is the number of people in each family in a street.
Express data in order and tabular form with tally marks: 5, 6, 8, 3, 2, 1, 4, 3, 1, 2, 3, 4, 5, 4, 3, 2.
2. The result of a Mathematics test is as follows
80, 90, 70, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 70, 85, 65, 70, 70, 85, 90, 60, 65, 80, 60. Make a frequency table for the above data and answer the following questions:
 - a. What is the maximum marks obtained?
 - b. How many students score less than 75 marks?
 - c. How many students scored 80 marks or above?
 - d. How many students appeared in the test?
3. Total number of animals in five villages are as follows:
Village A: 80 Village B: 120 Village C: 90
Village D: 40 Village E: 60
Prepare a pictograph of these animals using one symbol to represent 10 animals.
 - a. How many symbols represent animals of Village E?
 - b. Which Village has the maximum number of animals?
 - c. Which village has more animals: Village A or Village C?