

CHAPTER - 5

Data Handling

Questions carrying 1 Mark each :-

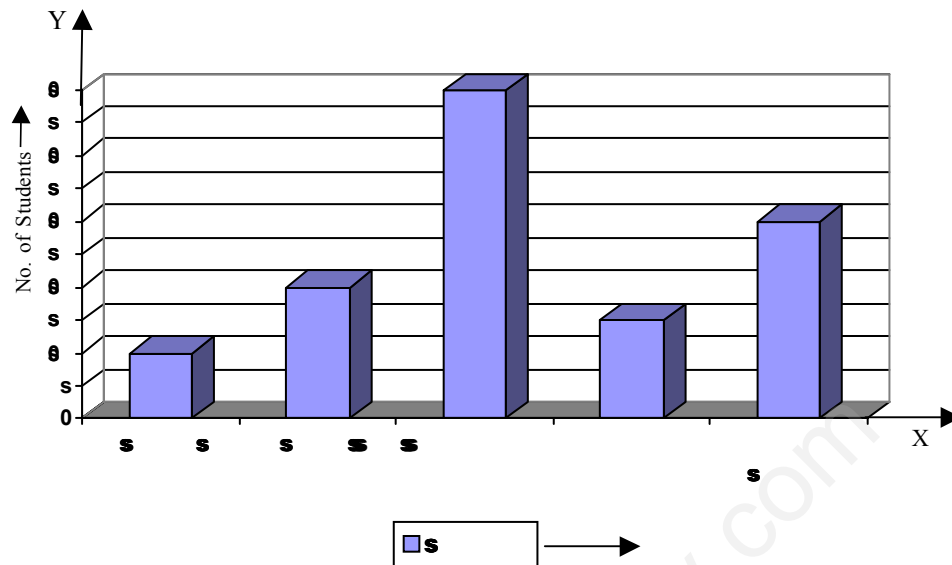
- Q.1 List the number of outcomes when a coin is tossed.
- Q.2 In a bar graph, bars are of equal _____ but varying, _____.
- Q.3 A pic chart is also called a _____.
- Q.4 In a pie chart, the total sum of all central angles must be _____.

Questions Carring 2 Mark each:-

- Q.5 The marks obtained in Mathematics by 40 students of a class in an examination are 3, 20, 13, 1, 21, 13, 3, 23, 16, 13, 5, 24, 15, 7, 10, 18, 18, 7, 17, 21, 15, 5, 23, 2, 12, 20, 2, 10, 16, 23, 18, 12, 6, 9, 7, 3, 5, 16, 8 and 8.

Present the data in the form of a grouped frequency distribution, using class intervals of equal size, one of the class intervals being 5-10.

- Q.6 Read the bar graph and answer the following questions:-
- (i) In which subject maximum number of students got distinction?
 - (ii) In which subject, the number of distinctions is minimum?
 - (iii) How many distinctions were obtained by students in a school?
 - (iv) Write subject in order of the performance.



Q.7 Two dice are thrown, find and number of outcomes.

Q.8 There are 2 Red, 3 Blue and 5 Black balls in a bag. A ball is drawn from the bag without looking in to the bag. What is the probability of getting a non-red ball?

Questions carrying 3 marks each :-

Q.9 The data on mode fo transport used by students to come to school are as given below:-

Mode of Transport	Bus	Cycle	Train	Car	Scooter
Number of Students	120	180	240	80	100

Find the central angle of each sector.

Q.10 A coin and a die are thrown simultaneously. Find the number of possible outcomes also, name the outcomes.

Questions carrying 6 marks each:-

Q.11 Marks secured by a student in various subjects in an examination are:

Subject	Hindi	English	Maths	Soc. Science	Gen. Science
Marks	40	52	80	70	75

Q.12 The following data shows the expenditure of an individual over various items :

Items	Education	Food	Rent	Clothing	Others
Expenditure (in Rs.)	1600	3200	4000	2400	3200

Represent the above data by a pie chart.

Q.13 Draw a histogram for the following data:

Class Interval	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	5	10	7	9	12	13

Multiple choice Questions carrying 1 mark each:

Q.14 The sum of all central angles in a pie chart is:

- (a) 90° (b) 360° (c) 90° (d) None of these

Q.15 When a die is thrown, total number of possible outcomes are:

- (a) 2 (b) 36 (c) 6 (d) 9