



Exercise 14H

Question 1:

Arrange the given data in ascending order we have

0, 0, 1, 2, 3, 4, 5, 5, 6, 6, 6, 6

Let us prepare the following table:

Observations(x)	0	1	2	3	4	5	6
Frequency	2	1	1	1	1	2	4

As 6 occurs the maximum number of times i.e. 4, mode = 6

Question 2:

Arranging the given data in ascending order, we have:

15, 20, 22, 23, 25, 25, 25, 27, 40

The frequency table of the data is :

Observations(x)	15	20	22	23	25	27	40
Frequency	1	1	1	1	3	1	1

As 25 occurs the maximum number of times i.e. 3, mode = 25

Question 3:

Arranging the given data in ascending order, we have:

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

The frequency table of the data is :

Observations(x)	1	2	3	4	5	6	7	8	9
Frequency	2	1	2	1	2	2	1	1	5

As 9, occurs the maximum number of times i.e. 5, mode = 9

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