

Find the range

marks $\frac{1}{2}$ of 100 = 50

ii) Find mean, median and mode for each class (class width 5)

marks 0-5, 5-10, 10-15, 15-20, 20-25, 25-30

frequency 1, 4, 9, 16, 25, 36

Q1 = 10.5

Q3 = 25.5

Mean = 17.5

Mode = 25

Median = 15

Range = 9

Std. Deviation = 7.5

Range = 9

iii) Find mean, median and mode. Also make class and classes for the given data (class width 5)

marks 0-5, 5-10, 10-15, 15-20, 20-25, 25-30

Q1 = 10.5

Mean = 17.5

Mode = 25

Median = 15

Std. Deviation = 7.5

Range = 9

Mean = 17.5

Mode = 25

Median = 15

iv) Answer the following

a) What is the mode and the median of the following data?

15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

b) What is the mode and the median of the following data?

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

c) Find the mode and median of the following data.

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

d) Find the mode and median of the following data.

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

e) Find the mode and median of the following data.

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

f) Find the mode and median of the following data.

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

g) Find the mode and median of the following data.

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100