

NTS GAT General Past Paper Questions

Quantitative – Exam No. 05

Mode

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Formulas:

1. The most repeated value in a given set of data points is called mode.
2. If no value appears more than any other value, then no mode exists.
3. If there are two data points which are repeated mostly and equally, then there will be two modes. It is called bimodal.
4. If there are three data points which are repeated mostly and equally, then there will be three modes. It is called trimodal.
5. Similarly, data can be tetra-modal and so on.

Exercise:

1. Find the mode of the following data: (PP)

7, 5, 8, 4, 8, 5, 8, 8, 5, 5, 9, 5

Solution:

$$\text{Mode} = 5$$

2. Find the mode of the following data: (PP)

16, 15, 17, 12, 15, 15, 18, 19, 18

Solution:

$$\text{Mode} = 15$$

3. Find the mode of the following data: (PP)

$x, -9, x, 5$

Solution:

$$\text{Mode} = x$$

4. Find the mode of the following data: (PP)

5, 6, 6, 5, 22, 6, 3, 25, 3

Solution:

$$\text{Mode} = 6$$

5. Find the mode of the following data: (PP)

6, 9, 4, 5, -2, 8, 7, 0, -1, 1

Solution:

$$\text{Mode} = \text{No mode}$$

6. Find the mode of the following data: (PP)

3, 2, 5, 2, 3, 5, 6, 6, 5, 3, 5, 25

Solution:

$$\text{Mode} = 5$$