NTS GAT General Past Papers Questions

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Quantitative – Exam No. 06

Range

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Formula:

The difference of maximum value and minimum value in a given set of data points is called range.

$$Range = Maximum\ value - Minimum\ value$$

Exercise:

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

$$13, 9, 2, 4, 1, 8, 7, 3, 11$$

Solution:

$$Range = 13 - 1$$
$$Range = 12$$

2. Find the range of the following data:

$$11, 7, 11, 14, 15, 18, 19, 43, 13$$

Solution:

$$Range = 43 - 7$$
$$Range = 36$$

3. Find the range of the following data:

$$234, 247, 258, 212, 242, 201, 289, 295, 264, 274$$

Solution:

$$Range = 295 - 201$$
$$Range = 94$$

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

$$23, -12, -18, 8, 17, -23\ 19, 19, 21, -13$$

Solution:

$$Range = 23 - (-23)$$
$$Range = 23 + 23$$
$$Range = 46$$

5. Find the range of the following data:

-23, 96, 127, 2, 0, 119, 46, -9, -11, 0

Solution:

$$Range = 127 - (-23)$$
$$Range = 127 + 23$$
$$Range = 150$$