

O.P.JINDAL SCHOOL, SAVITRI NAGAR

Periodic Test – 3 (Round –I) 2025-26

Class : XI Commerce  
Subject : Economics (030)

M.M : 20  
Time : 1 Hour

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General Instructions: 1. All the questions are compulsory.  
2. Question No. 1 to 4 carries 1 mark each.  
3. Question No. 5 to 6 carries 3 marks each.  
4. Question No. 7 carries 4 marks each.  
5. Question No. 8 carries 6 marks each

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1. Calculate median : 25,20,15,45,18,7,10,64,38,12. 1

A) 19 B) 16

C) 18 D) 20

2. Data represent through a histogram can help in finding graphically the 1

A) Mean B) Median

C) Mode D) None of these

3. Assertion (A) : Median is a positional average which is located at the mid point of a given distribution.

Reason (R) : Calculation of Median depends upon its arrangement in either increasing order or decreasing order. 1

Alternatives

A) Both (A) & (R) both are true and (R) is correct explanation of (A).

B) Both (A) & (R) both are true and (R) is not correct explanation of (A).

C) (A) is true but (R) is false.

D) (A) is false but (R) is true.

4. Statement 1. Mode is undefined in case of open ended frequency distribution.

Statement 2. Median is equal to quartile second. 1

Alternatives:

a) Statement 1 is true and Statement 2 is false.

b) Statement 1 is false and Statement 2 is true.

c) Both Statements 1 and 2 are true.

d) Both Statements 1 and 2 are false.

5. Find the Lower and Upper Quartile.

3

|   |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|
| X | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| F | 6  | 8  | 12 | 14 | 7  | 9  | 3  |

6. Calculate Mode from following data.

3

|                 |              |              |              |              |              |              |              |
|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Marks           | Less than 10 | Less than 20 | Less than 30 | Less than 40 | Less than 50 | Less than 60 | Less than 70 |
| No. of Students | 8            | 18           | 30           | 55           | 65           | 72           | 85           |

7. Find the missing frequency when Median is 16 and total number of frequency is 70. 4

|   |     |      |       |       |       |       |       |       |
|---|-----|------|-------|-------|-------|-------|-------|-------|
| X | 0-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 |
| F | 12  | x    | 12    | 15    | y     | 6     | 6     | 4     |

8. A) What are the important properties of mode?

2

B) Locate the Median graphically.

4

|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| Marks          | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 |
| No. of Student | 6     | 12    | 8     | 14    | 18    | 12    |