

IMSc. IT (FIN) (NEP) Sem.-2 Examination

MDC-Fin-124T

Business Statistics

May-2025

[Max. Marks : 25]

Time : 1-00 Hour]

Instructions:

- Figures to the right indicate Full Marks.
- Do not write anything on the question paper.
- Simple calculator is allowed. Do not use a scientific calculator.

Questions

Marks

Q.1 Write Difference between primary and secondary data? **[10]**

OR

Q.1 How to collect secondary data. **[10]**

Q.2 Find mode, Quartile Deviation and Standard Deviation of the given data: **[10]**

| Class | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 |
|-------|------|-------|-------|-------|-------|-------|
| Freq. | 5 | 8 | 12 | 7 | 3 | 2 |

OR

Q.2 Find Correlation, Regression slope and regression intercept of the given data: **[10]**

| | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| X | 20 | 25 | 30 | 35 | 45 | 50 | 60 | 65 | 70 | 80 |
| Y | 250 | 275 | 300 | 350 | 375 | 425 | 450 | 500 | 550 | 600 |

Q.3 Answer the following question (any five) **[05]**

- 1) Find mean of given data:
X : 5,8,9,6,3,2,1,4,7,8,5,6,9,8,5,6,3,2
- 2) Write definition of statistics?
- 3) Write any two limitations of statistics.
- 4) Find mode of given data:
X : 8,5,9,6,5,4,1,2,6,3,5,2,2,5,6,5,8,9
- 5) What is positive correlation?
- 6) What is primary data?