

IMBA in GBM (NEP) Sem.-4 Examination

DSC-C-GBM-243T

Business Statistics

May-2025

Time : 2-00 Hours]

[Max. Marks : 50

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.

Q.1 Write definition of statistics and importance of statistics? 10

OR

Q.1 Write difference between primary and secondary data? 10

Q.2 What is tabulation and define advantages of tabulation? 10

OR

Q.2 Write all components of a table with sample. 10

Q.3 Find mean, mode, average deviation of given data: 10

Class	100-200	200-300	300-400	400-500	500-600	600-700
Freq	21	23	19	25	17	13

OR

Q.3 Find mean, median and standard deviation of given data: 10

Class	10-20	20-30	30-40	40-50	50-60	60-70
Freq	15	17	20	25	21	19

Q.4 Find correlation coefficient, regression slope and intercept of given data: 10

X	40	40	45	60	50	55	65	70	75	80
Y	600	650	700	750	720	710	700	650	750	800

OR

Q.4 Find correlation coefficient, regression slope and intercept of given data: 10

X	15	20	25	30	35	40	45	50	55	60
Y	500	450	400	350	300	250	200	150	100	50

(P.T.O)

Q.5 One Liner Questions (10 out of 12)

10

- 1) Write any four importance of statistics?
 - 2) Write any four limitations of statistics?
 - 3) What is primary data?
 - 4) What is geographical classification?
 - 5) Write objective of data classification?
 - 6) Write any four essential points for a good table.
 - 7) Find mean of given data:
X : 12,15,19,24,26,29,35,38,39,45,50
 - 8) Find mode of given data:
X : 1,2,5,4,6,8,9,6,3,2,1,4,5,7,8,6,9,5,3
 - 9) What is positive correlation?
 - 10) What is Negative correlation?
 - 11) What is linear correlation?
 - 12) Define deciles?
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