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1002E1588

Candidate's Seat No : _____

IMBA in ITF (NEP) Sem.-1 Examination

DSC-M-ITF-113T

Business Statistics

Time : 2-00 Hours]

February-2025

[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 scientific calculator.

Q-1 What do you mean by plural sense? Feature of plural sense. **10**

Q-2 Define types of classification of data. **10**

OR

Explain various types of one dimension diagrams. **10**

Q-3 A) What precaution should be taken in the use of secondary data? **5**

B) Calculate A.M mean from following data. **5**

X:	10-20	20-30	30-40	40-50	50-60
F:	4	7	16	20	15

OR

A) Explain pictograms and cartograms. **5**

B) Calculate the seasonal index for the following data by using simple average method for the following data. **5**

Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
1982	112	110	120	115
1983	80	145	105	90
1984	95	100	140	80
1985	110	90	130	100

Q-4 Compute M.D and its co-efficient from mean and median. **10**

Class	0-10	10-20	20-30	30-40	40-50
Frequency	4	6	8	10	5

OR

Find Mode from the following data. **10**

X:	0-10	10-20	20-30	30-40	40-50	50-60	60-70
F:	4	13	21	44	33	22	7

(P.T.O)

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Q-5	**Fit a straight line trend by the method of least square (taking 1978 as year of origin) to the following data.**	10

Year	1979	1980	1981	1982	1983	1984	1985
Sales	80	90	92	83	94	99	92