

SECTION-D

Note: Long answer type questions. Attempt any three questions. 3x10=30

Q.33 Explain the methods of Collecting Primary and secondary Data. (CO-2)

Q.34 Define Diagram. Explain Different types of diagram. (CO-3)

Q.35

X	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Y	12	31	34	65	45	25	18

(CO-4)

Calculate Mean, Mode, Median

Q.36 Find average deviation from median and its coefficient. (CO-5)

Size	1-10	11-20	21-30	31-40	41-50
Frequency	4	8	12	5	1

(**Note:** Course outcome/CO is for office use only)

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Roll No.

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1st Sem. / FAA, OMCA

Subject : Business Statistics - I

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objectives questions. All questions are compulsory (10x1=10)

(Course Outcome/CO)

Q.1 Statistics provides comparative study of facts (True/False). (CO-1)

Q.2 Statistics is the science of counting. (True/False) (CO-1)

Q.3 The question may be answered yes or no isQuestion. (CO-2)

Q.4 International Publication is a source of secondary Data. (True/False) (CO-2)

Q.5 Independent variable is represented along X axis. (True/False) (CO-3)

Q.6 Three dimensional diagram are represented

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(4)

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- by..... (CO-3)
- Q.7 Mean of the data 8,9,10,11,, is(CO-4)
- Q.8 Mode of the data 8,9,7,6,5,4,7, is.....(CO-4)
- Q.9 S.D. Stands for..... (CO-5)
- Q.10 Formula for calculating standards deviation is..... (CO-5)

SECTION-B

Note:Very Short answer type questions. Attempt any ten parts 10x2=20

- Q.11 Define Statistics. (CO-1)
- Q.12 Define Secondary Data. (CO-2)
- Q.13 Write two methods of collecting primary Data. (CO-2)
- Q.14 Define Graphs. (CO-3)
- Q.15 Write two demerits of a table. (CO-3)
- Q.16 Define Pie diagram. (CO-3)
- Q.17 Define Average. (CO-4)
- Q.18 Define Median. (CO-4)
- Q.19 Write two merits of Mean. (CO-4)
- Q.20 Define Range. (CO-5)

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- Q.21 Define Quartile Deviation. (CO-5)
- Q.22 Write two merits of average deviation. (CO-5)

SECTION-C

Note:Short answer type questions. Attempt any eight questions. 8x5=40

- Q.23 Explain briefly the scope of statistics. (CO-1)
- Q.24 Discuss Direct Personal investigation method of collecting data. (CO-2)
- Q.25 Explain briefly the sources of secondary data. (CO-2)
- Q.26 Discuss the main parts of a table. (CO-3)
- Q.27 Discuss the merits of a graph. (CO-3)
- Q.28 State the Properties of Arithmetic mean?(CO-4)
- Q.29 What are the demerits of mean? (CO-4)
- Q.30 What is Harmonic Mean? How is it computed? (CO-4)
- Q.31 State the Properties of Standard deviation. (CO-5)
- Q.32 Write a short note on "Larenze Curve" (CO-5)

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