

MA SOCIOLOGY
Third Semester (Repeat)
STATISTICAL ANALYSIS & COMPUTER APPLICATION
(MSO – 303)

Duration: 1.5 Hrs.

Full Marks: 35

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 1 hrs. 20 mins.

Marks: 25

I. Answer the following questions: (any two)

(2×10=20)

1. Calculate the mean, median and mode from the following data:

(10)

Marks secured	Number of students
1-5	7
6-10	10
11-15	16
16-20	30
21-25	24
26-30	17
31-35	10
36-40	5
41-45	1

2. Define Classification. Mention four objectives of Classification of data and four types of classification with examples. **(2+4+4=10)**

3. What is computer? Describe some important applications of computers in Sociology in present context. **(2+8=10)**

4. Write short notes on *any four*: **(4×2^{1/2}=10)**

- i) Statistics ii) Tabulation iii) Average
iv) Mean deviation v) Types of correlation vi) Regression

II. Write five functions of statistics with examples. **(5)**

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Duration: 10 minutes

Marks – 10

(PART A - Objective Type)

I. Choose the correct answer:

1×10=10

1. Dispersion is the measure of the variation of the items, said by:
 - a. A L Bowley
 - b. Spiegel
 - c. Brooks & Dick
 - d. Simpson & Kafka
2. The first version of Word for Windows was released in:
 - a. 1989
 - b. 1991
 - c. 1993
 - d. 2011
3. Statistics is defined as “the classified facts representing the conditions of the people in a State, especially those facts which can be stated in numbers or in tables of numbers or in any tabular or classified arrangement” by:
 - a. Yule & Kendall
 - b. A. L. Bowley
 - c. Boddington
 - d. Webster
4. Arithmetic mean is of two types, namely:
 - a. Direct & Short-cut
 - b. Simple & Weighted
 - c. Discrete & Continuous
 - d. None of these
5. What is the median value of 36, 72, 49, 60, 33, 61, 72, 52?
 - a. 33
 - b. 52
 - c. 61
 - d. 60

6. A simple table contains data on:
 - a. Two characteristics
 - b. Several characteristics
 - c. One characteristic
 - d. Three characteristics
7. The headings of the Columns of a table are called:
 - a. Stubs
 - b. Captions
 - c. Titles
 - d. Reference notes
8. Partial correlation is when:
 - a. Only two variables are studied.
 - b. Three or more variables are studied.
 - c. Recognise more than two variables, but consider only two variables.
 - d. None of these.
9. In drawing a pie chart or bar graph in a computer,is used.
 - a. MS office
 - b. MS excel
 - c. MS dos
 - d. All the above
10. Croxton and Cowden in defining Statistics pointed out four stages in a statistical investigation, namely:
 - a. Collection of data, presentation of data, analysis of data & interpretation of data;
 - b. Collection of data, organisation of data, analysis of data & interpretation of data;
 - c. Collection of data, presentation of data, analysis of data & report preparation;
 - d. None of these.
