MA SOCIOLOGY

THIRD SEMESTER

STATISTICAL ANALYSIS & COMPUTER APPLICATION

(MSO-303)

~~Duration: 3 Hrs.~~

Marks: 35

$$\left\{ \begin{array}{l} \text{PART : A (OBJECTIVE)} = 10 \\ \text{PART : B (DESCRIPTIVE)} = 25 \end{array} \right\}$$

[PART B – Descriptive]

Duration: 1 Hrs. 30 Mins.

Marks: 25

[*Answer question no. One (1) & any four (2) from the rest*]

1. Write five functions of statistics with examples.   5

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

3. Write short notes on any four: ½ x4 =10

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

4. Calculate the mean, median and mode from the following   10
   data.

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

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

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MA SOCIOLOGY
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Statistical Analysis and Computer Application
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Duration: 10 minutes   **Marks – 10**

(PART A - Objective Type)

I. Choose the correct answer: **1×10=10**

1. 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

2. 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.

3. Arithmetic mean is of two types, namely….

   a. Direct & Short-cut   **b.** Simple & Weighted

   c. Discrete & Continuous   **d.** None of these

4. What is the median value of 36, 72, 49, 60, 33, 61, 72, 52?

    a. 33   **b.** 52   **c.** 61   **d.** 60

5. A simple table contains data on

    a. Two characteristics   **b.** Several characteristics

    c. One characteristic   **d.** Three characteristics

6. The headings of the Columns of a table are called

    a. Stubs   **b.** Captions

    c. Titles   **d.** Reference notes

7. Dispersion is the measure of the variation of the items, said by ….

    a. A L Bowley   **b.** Spiegel

    c. Brooks & Dick   **d.** Simpson & Kafka

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. The first version of Word for Windows was released in

    a. 1989   **b.** 1991   **c.** 1993   **d.** 2011

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