

**MA SOCIOLOGY
THIRD SEMESTER
STATISTICAL ANALYSIS AND COMPUTER APPLICATION
MSO-302**

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1hr. 30 mins.

Full Marks: 35

Time: 15 mins.

(Objective)

Marks: 10

Choose the correct answer from the following:

1×10=10

1. Statistics branches include.....
 - a. Applied Statistics
 - b. Mathematical Statistics
 - c. Industry Statistics
 - d. Both a & b
2. The frequency polygon is a closed diagram of:
 - a. Two-side
 - b. Many sides
 - c. Three sides
 - d. None of these
3. Who stated "statistics as the collection, tabulation, presentation, analysis and interpretation of numerical data"?
 - a. Croxton and Cowden
 - b. A.L. Bowley
 - c. W.L. King
 - d. Prof. H. Secrist
4. A frequency distribution can be.....
 - a. Qualitative
 - b. Continuous
 - c. Discrete
 - d. Both b and c
5. A circle in which sectors represents various quantities is called.....
 - a. Histogram
 - b. Frequency Polygon
 - c. Bar chart
 - d. Pie chart
6. Which of the following method is not a Qualitative Research?
 - a. Case study
 - b. Ethnography
 - c. Statistical Analysis
 - d. Observation
7. In SPSS, what is the "Data Viewer"?
 - a. A table summarizing the frequencies of data for one variable
 - b. A spreadsheet into which data can be entered
 - c. A screen in which variables can be defined and labeled
 - d. A dialog box that allows you to choose a statistical test
8. What is the advantage of using SPSS over calculating statistics by hand?
 - a. This is how most quantitative data analysis is done in "real research" now-a-days
 - b. It reduces the chance of making errors in your calculations
 - c. It equips you with a useful transferable data
 - d. All the above

9. In a Pie chart , usually the arrangement of the sectors is done:
- a. Clockwise
 - b. Anti clockwise
 - c. Pair-wise
 - d. None of these
10. The graph of a Frequency Distribution is called:
- a. Curve
 - b. Histogram
 - c. Pie Diagram
 - d. Scatter Diagram

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(Descriptive)

Time : 1 hr. 15 mins.

Marks : 25

[Answer question no.1 & any two (2) from the rest]

1. Elucidate about the Relationships between Statistics and Sociology. 5
2. Calculate the mean and median value of following data. 5+5=10

Weekly Wages	10-20	20-30	30-40	40-50	50-60	60-70
No. of Workers	4	7	16	20	15	8

3. Explain about types and significance of Graphic presentation of Statistical Data. 10
4. Discuss about the differences between MS Word and MS Excel. 10
5. Explain about use of computer in Research. 10

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