

MA SOCIOLOGY
FOURTH SEMESTER (REPEAT)
STATISTICAL ANALYSIS & COMPUTER APPLICATION
MSO - 402

(USE SEPARATE ANSWER SCRIPTS FOR OBJECTIVE & DESCRIPTIVE)

Duration: 1.30 hrs.

Full Marks: 35

(PART-A: Objective)

Time: 15 min.

Marks: 10

Choose the correct answer from the following:

1×10=10

1. The word statistics derived from
 - a. Latin
 - b. Greek
 - c. German
 - d. Sanskrit
2. Classification is the process of arranging data in
 - a. Attributes
 - b. Different rows
 - c. Different columns
 - d. Grouping of related facts in different classes
3. 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" nowadays
 - b. It reduces the Chance of making error in calculation
 - c. It equips you with a useful transferable skill
 - d. All of the above
4. When you enter text in a cell in Excel, it also appears in the --
 - a. Status bar
 - b. Formula Bar
 - c. Row heading
 - d. Name box
5. Which of following is not valid version of MS office
 - a. Office XP
 - b. Office Vista
 - c. Office 2007
 - d. Office classic
6. With the help of histogram we can draw
 - a. Frequency polygon
 - b. Frequency curve
 - c. Frequency distribution
 - d. All the above
7. Histogram can be drawn for
 - a. Equal classes
 - b. Unequal classes
 - c. Both a and b
 - d. None of them
8. In how many ways Statistical data can be presented.
 - a. 2
 - b. 3
 - c. 4
 - d. 5
9. In chronological classification data are classified on the basis of
 - a. Attributes
 - b. Time
 - c. Location
 - d. Class-interval

10. The number of observation corresponding to a particular class is known as ___ of that class
- a. Frequency
 - b. Mid-value
 - c. Class interval
 - d. Mode

(PART-B : Descriptive)

Time : 1 hr. 15 mins.

Marks : 25

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

1. Discuss about levels of measurement from the statistical point. 5
2. What is statistics? Explain about the relationships between Statistics and sociology. 2+8=10
3. Explain about Classification and tabulation of data. 5+5=10
4. Explain about use of computer in Research. 10
5. a) From the following data of the marks obtained by 60 students of a class , calculate the arithmetic mean: 5+5=10

Marks	No. of Students
20	8
30	12
40	20
50	10
60	6
70	4

- b) Calculate the value of mode from the following distribution

Wages (in Rs)	No. of Workers
20-25	40
25-30	60
30-35	90
35-40	170
40-45	140
45-50	110
50-55	60
55-60	50

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