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Reg. No. :

Name :

M.A. Sociology (Previous) Degree Examination, August 2009
(2007 Admission)
SOC.2.1. VII : SOCIAL STATISTICS AND COMPUTER APPLICATIONS
(New Scheme)

Time : 3 Hours

Max. Marks : 85

PART – A

Answer **all** questions. Put (✓) mark on the Correct Answer : **(10×1=10 Marks)**

1. Empirical to theory research is called
 - a) Deductive
 - b) Action
 - c) Diagnostic
 - d) Inductive

2. Testing of a hypothesis is called
 - a) Null
 - b) Descriptive
 - c) Experimental
 - d) None of the above

3. The Respondent fill in the answers of questions are called
 - a) Interview guide
 - b) Participate observation
 - c) Questionnaire
 - d) Survey

4. The researcher does not reveal his identity while carrying out the research is called
 - a) Non-Participant observation
 - b) Interview guide
 - c) Participant observation
 - d) Experiment

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5. Data gathered from published materials is called
- a) Primary source
 - b) Secondary source
 - c) Oral history
 - d) None of the above
6. A research carried out on a social problem for the first time is called
- a) Experimental design
 - b) Descriptive design
 - c) Exploratory design
 - d) None of the above
7. Mean median and mode together called
- a) Measures of central tendency
 - b) Correlation
 - c) Regression
 - d) Dispersion
8. Data arranged in horizontal and vertical bars is called as
- a) Classification
 - b) Pie diagrams
 - c) Dispersion
 - d) Tabulation
9. Data presented in picture form is called
- a) Graphical technique
 - b) Internet
 - c) Medium
 - d) None of the above
10. Binary digit is used in
- a) Graphs
 - b) Internet
 - c) Computer
 - d) None of the above



PART – B

Answer **any five** questions not more than **500** words **each**. (5×7=35 Marks)

11. Describe the nature and types of Statistics.
12. Differentiate Nominal from Ordinal scale.
13. Describe the use of bar diagram with an example.
14. Bring out the merits of mean and median.
15. Elucidate the objectives of measuring dispersion.
16. Describe quartile deviation.
17. Highlight the relationship between correlation and causation.
18. Describe the use of Internet.

PART – C

Answer **any two** questions not more than **1500** words **each**. (2×20=40 Marks)

19. Analyse the merits and demerits of application of computers in statistical tests.
20. Give a critical account of merit and demerits of central tendency.
21. Find out the Karl Pearson's co-efficient correlation of the following data :

Age of husband in years	20	22	23	25	25	28	29	30	30	34
Age of wife in years	80	20	22	24	21	26	26	25	27	29

22. From the data given below find
 - a) the two regression equation.
 - b) the coefficient of correlation between marks in Economics and statistics.

Marks in Economics	25	28	35	32	31	36	29	38	34	32
Age of wife in years	43	46	49	41	36	32	31	30	33	39
