

RLAR 324

SYBAF-IV
Res methods
1810312024
Total Marks : 75

ex

Time : 2 ½Hrs

Note : 1. All questions are compulsory

2. Figures to the right indicate full marks

Q1A] Fill in the blanks with appropriate option: (Any Eight) 08

- 1 Research is often referred to as a _____ into a specific problem or situation.
a. Scientific inquiry b. Scientific issues c. Social issue
- 2 _____ involves editing, coding, classification, tabulation.
a. Data processing b. Data analysis c. Data interpretation
- 3 _____ research investigates the cause-effect relationship between two or more variables.
a. Descriptive b. Exploratory c. Causal
- 4 _____ hypothesis are quantitatively measured.
a. Statistical b. Descriptive c. Null
- 5 _____ refers to value of a variable which occurs most frequently.
a. Mean b. Median c. Mode
- 6 The categories must be _____
a. Exclusive b. Inclusive c. Mutually Exclusive
- 7 Cluster Sampling is also called as _____ sampling
a. Area b. Stratified c. Quota
- 8 _____ is the middle value of a series when the data of a series is arranged in ascending or descending order.
a. Mean b. Median c. Mode
- 9 A _____ is a statement of fact and figures, prepared for the purpose of information and action.
a. Report b. Appendix c. Footnote
- 10 _____ is designed for publication in a professional journal.
a. Interim report b. summary report c. Research Article

B] State whether the following statements are true or false (Any Seven) 07

- 1 Sample selected for research need not represent the universe.
- 2 Applied research helps to solve practical problems.
- 3 Hypothesis is a proposition which can be put to test to determine its validity.
- 4 In order to collect primary data from the field, the researcher requires a book.
- 5 Null hypothesis states that there is no relationship between two or more variables.
- 6 Research report provides outdated information on important matters.
- 7 Research design helps to monitor research expenditure.
- 8 Sequential Sampling Method works like chain referral
- 9 Primary data helps in quick decisions based on research study.
- 10 The research report must be drafted in personal style and format.

Q2A] What is research? State the objectives of research. 08

B] Explain the characteristics of research. 07

OR

Q2 C] Discuss the steps in formulating the research problem. 08

D] Explain Review of literature in detail. 07

Q3A] What are the steps involved in research design? 08

B] What are the types of hypothesis? 09

OR

- C] State the steps in formulation of hypothesis. 08
 D] Discuss the types of research design. 07

- Q4A] Explain the meaning of Correlation by graphic representation 08
 B] Explain the Survey Method of Data collection. 07

OR

- Q4C] Find the Mean & standard Deviation for the following data 15

Wages to workers per day	No. of workers
0-500	10
500-1000	12
1000-1500	08
1500-2000	15
2000-2500	22
2500-3000	30
3000-3500	25
3500-4000	17

- Q5A] Explain: (i) Technical report (ii) Popular report. 08
 B] What is report writing? State the importance of Report writing. 07

OR

- Q5] Write short notes on: (Any Three) 15

- 1] Sources of research problem.
- 2] Nature of hypothesis.
- 3] Bar Graphs with diagram
- 4] Simple Random Sampling
- 5] Layout of research report.
