

[Time: Two Hours]

[Marks:60]

Please check whether you have got the right question paper.

- N.B: 1. All questions are compulsory.
 2. Figures to the right indicate full marks.

- Q.1 What is Research Design? Explain its essentials and various steps in Research Design. 15
 OR
 a) Discuss various objectives of research. 08
 b) Explain in brief different types of hypothesis. 07
- Q.2 What is Questionnaire in Research Process? Explain in brief steps in designing questionnaire. 15
 Discuss various types of Questionnaire.
 OR
 a) Distinguish between Primary Data and Secondary Data. 08
 b) Explain the significance of secondary data. 07
- Q.3 Explain the meaning of Data Processing. Discuss in detail Graphical Presentation of Data Processing. 15
 OR
 a) Explain positional measures of Central Tendency. 08
 b) Discuss in brief different types of Regression Analysis. 07
- Q.4 a) State whether the following statements are True or False. 05
 1) Applied Research is designed to solve practical problems of the modern world.
 2) It is not advisable to conduct a pilot study for finalizing the research design.
 3) Collection of data from external secondary sources includes data from magazines, internet, books etc.
 4) Type II error occurs when the researcher rejects a null hypothesis when it is true.
 5) A bibliographic citation is a reference to a book, article, web page or any other published source.
- b) Fill in the blanks with the help of proper options. 05
 1. _____ is a proposition which can be put for a test to determine its validity.
 (Research problem / Research Proposal / Hypothesis)
 2. _____ test is used for proving hypothesis of smaller sample.
 (z / t / F)
 3. _____ is the difference between maximum and minimum value in a series of data.
 (Median / Mode / Range)
 4. When there is a long gap between data collection and presentation of final report, the researcher may present _____ report.
 (Summary / technical / interim)
 5. _____ are some of the ways to avoid plagiarism.
 (Quoting / Referencing / Both)



2

c) Match the following:

Group 'A'

- 1) Descriptive Research
- 2) Hypothesis
- 3) Processing of data
- 4) Decision making
- 5) Footnotes

Group 'B'

- a) Provides definite focus
- b) Editing
- c) Significance of data interpretation
- d) A way of keeping the flow of matter impact.
- e) Statistical Research

OR

Q.4 Write short note on any three of the following:

- a) Layout of Research Report
- b) Modern Language Association (MLA)
- c) Plagiarism
- d) Data sheet
- e) Role of computers in Research.



71194