

20/11/2018

Time: 2.30 Hours

Marks: 75



Instructions:

All questions are compulsory.

Figures to right indicate full marks.

Q1. (A) Match the Columns. (Any Eight)

(08 marks)

Column A	Column B
1. Area sampling	a. failing to reject a false null hypothesis
2. Annual report of companies	b. Superscript number at the end of the sentence
3. Quota sample	c. Last section of research report
4. Rationale hypothesis	d. Discriminate analysis
5. Dichotomous	e. Most frequent number in data set
6. Conclusion	f. Secondary data
7. Footnotes	g. Two possible answers
8. TYPE II error	h. According to some specified characteristics.
9. Multivariate Analysis	i. Relationship between two variables
10. Mode	j. Selection of sample are with help of maps

Q1. (B) State whether True or False (Any Seven)

(07 marks)

1. Empirical research is not data based research.
2. The decision may be correct if we reject the null hypotheses when it is true.
3. Research design eliminates bias and marginal errors.
4. In a simple random sampling which items get selected in the sample is just a matter of chance.
5. Tabulation always precedes classification.
6. Regression helps us to estimate value of one variable for the given value of other variable.
7. The Bibliography is a list of the printed sources utilized in the research work.
8. Principal Component Analysis (PCA) is a widely used method for factor extraction.
9. Numeric data have meaning as a measurement.
10. Secondary data may be fabricated or tailored.

Q.2 (A) What is research? Explain the features of research

(08 marks)

Q.2 (B) Explain the differences between basic and applied research

(07 marks)

OR

Q.2 (C) Discuss the characteristics of hypothesis

(08 marks)

Q.2 (D) What is a Research Design? Explain the need of research design.

(07 marks)

Q.3 (A) Explain Non-Probability Sampling method

(08 marks)

Q.3 (B) Explain interview method of collecting primary data

(07 marks)

OR

Q.3 (C) What are the essentials of a good questionnaire?

(08 marks)

Q.3 (D) Discuss the limitations of secondary data

(07 marks)

Q.4 (A) What is Data processing? Explain importance of data processing

(08 marks)

Q.4 (B) Discuss Editing as the first step in data processing

(07 marks)

OR

Q.4 (C) Write a note on F-test

(08 marks)

Q.4 (D) Write a note on Chi-Square test

(07 marks)

Q.5 (A) What are the essentials of a good research report?

(08 marks)

Q.5 (B) Explain Cluster analysis and its advantages

(07 marks)

OR

Q.5 Write Short Notes (Any Three)

(15 marks)

- a) Bibliography
 - b) Technical Report
 - c) Sample size and its determination
 - d) Review of Literature
 - e) Qualitative data
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