Time: 2. ¹/₂ hours   Total marks - 75

INSTRUCTIONS:
1. All questions are compulsory with internal options.
2. All questions carry equal marks.

1.   a.   Match the following- (any eight)   08

Column A		Column B	
i.	Validity	a)	Use of secondary data
ii.	Abstract	b)	Also called fundamental research
iii.	Pure research	c)	Essential trait of a good research
iv.	Applied research	d)	Analysis of Variance
v.	ANOVA	e)	First section of a research paper
vi.	Historical research	f)	Karl Pearson
vii.	Correlation	g)	Result oriented
viii.	Email survey	h)	Difficult to understand
ix.	Median	i)	Poor response rate
x.	Technical report	j)	Middle value of sorted list of numbers

1   b.   State whether the following statements are true and false(*any seven*)   07

   i.   Research is a scientific inquiry.
   ii.   Multi stage sampling is a type of non probability sampling technique.
   iii.   Research design gives guideline to the researcher.
   iv.   Sample is subset of population.
   v.   Pilot study is a procedure to test questionnaire.
   vi.   Survey method is a secondary source of data collection.
   vii.   Bibliography is included in the main body of the report.
   viii.   Idea theft in research is termed as plagiarism.
   ix.   Report writing constitutes the last step in the research process.
   x.   Dichotomous questionnaire includes descriptive questions.

2.   a.   Explain briefly the probability and non – probability methods of sampling.   08
2.   b.   Explain the term research. Discuss the importance of research.   07
                                              Or
2.   c.   Explain the steps involved in preparing a research design.   08
2.   d.   What is a sample size? State the factors to be considered while deciding   07
             the sample size.

3.	a.	What is primary data? State the merits and demerits of primary data.	08
3.	b.	Discuss the features of a good questionnaire.	07

Or

3.	c.	Describe the merits of personal Interview method of primary data collection.	08
3.	d.	What is a questionnaire? Discuss the different types of questions in a questionnaire.	07

4	a.	What is processing of data? Describe the essentials of processing of data.	08
4	b.	Discuss the significance of interpretation of data.	07

Or

4	c.	Discuss the meaning and purpose of data analysis.	08
4	d.	What is factor analysis? Explain the applications of factor analysis.	07

5	a.	What is a research report? Discuss briefly the steps involved in research report writing.	08
5	b.	Explain the importance of a good research report.	07

Or

5	c.	Write short notes on- *(any three)*	15

i.   Importance of secondary data
ii   Pure and applied research
iii   Essentials of a good research report
iv   Disguised and undisguised observation
v   Oral and written research report

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