

## C Research Methodology) Total Marks: 75

1. Attempt all questions.
2. All questions carry equal marks.
3. Draw neat labelled diagrams wherever necessary.
4. Use of log tables and non-programmable calculator is allowed.
5. For Q 2, Q 3 and Q 4 attempt A and B OR C and D.

## Q 1 Do as directed (Any fifteen)

15

1. \_\_\_\_\_ research includes surveys and fact-finding enquiries of different kinds.
2. Search for knowledge through objective and systematic method of finding solution to a problem is known as \_\_\_\_\_.
3. Give any one Objectives of research.
4. Define conceptual research.
5. The \_\_\_\_\_ of the research should be clearly defined and common concepts be used.
6. Research \_\_\_\_\_ is a way to systematically solve the research problems.
7. \_\_\_\_\_ designs are used in experiments where the effects of varying more than one factor are to be determined.
8. Principle of Local Control.
9. Give any one characteristics of a good sample design.
10. Explain Research design.
11. \_\_\_\_\_ sampling is also known as random sampling.
12. Non-probability sampling is also known as \_\_\_\_\_ sampling.
13. Any one precaution for writing research report.
14. \_\_\_\_\_ should be prepared and appended to the research report as discussed earlier.
15. \_\_\_\_\_ are always typed in single space though they are divided from one another by double space.
16. Define objective of the study.
17. Any one point for correct interpretation.
18. The \_\_\_\_\_ provides the complete outline of the research report along with all details.
19. Define results.
20. Any one point on which technical report the main emphasis is on.

Q. 2 A	What are the steps in research process?	08
Q. 2 B	Explain Significance of Research.	07
OR		
Q. 2 C	Write a note on Research Methods versus Methodology.	08
Q. 2 D	What are the Criteria of Good Research?	07
Q. 3 A	What are the important concepts relating to research design?	08
Q. 3 B	Explain and illustrate the procedure of selecting a random sample.	07
OR		
Q. 3 C	Explain Cluster and Multistage sampling.	08
Q. 3 D	Explain the need for Research Design.	07
Q. 4 A	Describe, in brief, the layout of a research report, covering all relevant points.	08
Q. 4 B	Write a brief note on the 'task of interpretation' in the context of research methodology.	07
OR		
Q. 4 C	Explain the technique and importance of oral presentation of research findings. Is only oral presentation sufficient? If not, why?	08
Q. 4 D	Mention the different types of report, particularly pointing out the difference between a technical report and a popular report.	07
Q. 5	Write Short notes on <b>any three</b> of the following	15
a.	Motivation in research.	
b.	Meaning of research design.	
c.	Probability sampling.	
d.	Applied and Fundamental research.	
e.	The techniques of writing report.	

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BT