

2025**(7th Semester)****COMMERCE**

Course No. : BC-C19

(Research Methodology)

Full Marks : 75

Time : 3 hours

*The figures in the margin indicate full marks for the questions**Answer the following questions*

1. a) What do you mean by research? Write a brief note on the types of research. 2+5
b) Define process of research. Write the main steps in the research process. 2+6
- Or*
2. a) What are research objectives? What are the purposes of research objectives? How do you formulate research objectives? 2+2+4
b) What is a hypothesis? What are its different types? What are the steps to formulate a hypothesis? 1+2+4
3. a) What is research design? Explain the importance of research design in a research project. 2+5
b) Discuss the different types of research design 8

*Or**(Turn Over)*

4. a) What is data collection in research? 2
 b) Describe the various tools and techniques of data collection and their suitability in different types of research. 13
- Or*
5. a) What is sampling? Write its importance in research. 1+3
 b) Discuss the different types of probability sampling methods with a suitable example of each. 10
- Or*
6. a) Define sampling error. What are the causes of sampling error? How it can be minimized? 1+3+5
 b) Explain the classification of measurement scales in social science research. 6
7. a) Define editing in data processing. What are the objectives of editing in research? Why is coding important in research? 1+2+2
 b) What are the essential parts of a table? Describe the different types of tabulation with suitable example. 3+7
- Or*
8. a) Discuss the different types of diagrams and graphs used commonly in data presentation. 10
 b) Explain the steps involved in hypothesis testing with an example. 5
9. a) What do you understand by research ethics? Why is ethical consideration important in social science and scientific research? 2+13
 b) Discuss the principles of research ethics with suitable example. Mention two unethical practices in research. 11+4
- Or*
- 10.a) What is a research proposal? Explain the steps(structure/components) involved in preparing a research proposal. 2+13
 b) What is report writing in research? Discuss the structure of a research report with an example. 2+13

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