

**Q.P. Code : 11913**

(3 Hours)

[Total Marks : 100

- N.B. (1) Attempt any **two** questions from **each** section.  
(2) **Figures** to the right indicate **full** marks.  
(3) Give suitable examples wherever **necessary**.

**Section - I**

1. Define research. Explain its nature and characteristics. Briefly explain the significance of research.
2. Define a research problem. Explain the components of research problem. What are the sources from which research problems are identified ?
3. Define hypothesis. Explain different types of hypothesis. Explain the role of hypothesis.
4. Explain the different methods of collecting data. Briefly explain the importance of questionnaire in collection of data.

**Section II**

5. "Processing of data implies editing, coding, classification and tabulation". Describe in brief these four operations.
6. Explain in brief various statistical measures used in Research studies.
7. Define research report. What are the characteristics of research report ? Examine the structure of a research report.
8. Write short notes on any **two** of the following :
  - (a) Functions of a research report
  - (b) Footnotes and Bibliography
  - (c) Technical report.