



- 
- Notes : 1. All questions are compulsory and carry equal marks.  
2. Illustrate the answers with suitable diagrams and examples.

1. What is research problem? Explain it. **16**
- OR**
- a) Explain types of research. **8**  
b) Discuss significance of research. **8**
2. Explain important concept relating to research design. **16**
- OR**
- a) Briefly explain need of research design. **8**  
b) Discuss implications of a sample design. **8**
3. Discuss selection of appropriate method for data collection. **16**
- OR**
- a) Discuss case study method. **8**  
b) Explain difference between survey and experiment. **8**
4. Describe interpretation w.r.t. meaning need and technique. Give precautions in interpretation. **16**
- OR**
- a) Briefly explain significance of report writing. **8**  
b) Which different steps are in report writing? **8**
5. a) Discuss necessity of defining the problem. **4**  
b) Write a note on Census and sample survey. **4**  
c) What are the guidelines for constructing questionnaires? **4**  
d) What is international patent system? **4**

\*\*\*\*\*