

MPL-628

REC-01

M.Phil. DEGREE EXAMINATION – JUNE 2006.

Economics

RESEARCH METHODOLOGY

Time : 3 hours

Maximum marks : 75

PART A — (3 × 5 = 15 marks)

Answer any THREE questions.

1. Describe the merits of sampling method.
2. Explain the significance of observation in social science research.
3. What are deductive and inductive methods and explain their merits and demerits?
4. Define hypothesis and explain the sources of formulating hypotheses.
5. What is research? And explain the types of research in social science.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

6. Explain the pattern of writing research report.
7. Explain the significance of software packages in social science research.

8. The following table gives the yield rate on 15 samples under three varieties of seed. Viz. A, B and C. Is there any significant difference in the yield rate? Answer at 5% level, using one way ANOVA.

A 20 21 23 16 20

B 18 20 17 15 25

C 25 28 22 28 32

9. The following sample data show the demand for a product and its price charged in six different market areas :

Price (Rs) 18 10 14 11 16 13

Demand 9 125 57 90 22 79

Estimate the demand for the product in a market area where it is priced at Rs. 15.

10. Define correlation. Explain the types of correlation.
11. Discuss the essential parts of statistical table.
12. Discuss the various methods of data collection in social science research.