

PG-270

MSY-4

**M.Sc. DEGREE EXAMINATION —
JANUARY 2015.**

First Year

Psychology

RESEARCH METHODOLOGY

Time : 3 hours

Maximum marks : 75

PART A — ($3 \times 5 = 15$ marks)

Answer any THREE questions.

Each answer not to exceed 1 page.

1. Enumerate the criteria of a good research.
2. Define sampling design.
3. What are reliability and validity?
4. How do you measure the power of a hypothesis test?
5. Illustrate the research report briefly.

PART B — ($4 \times 15 = 60$ marks)

Answer any FOUR questions.

Each answer not to exceed 4 pages.

6. What are the different types of hypotheses? Explain in detail.
 7. What are the different research designs? Bring out the steps involved in research process.
 8. Describe the criteria of good research tool.
 9. Explain the survey and experimental method.
 10. Bring out in detail the important parametric tests.
 11. Explain in detail the procedure for hypothesis testing in case of correlation-coefficients.
 12. How would you determine the sample size through the approach based on Bayesian statistics?
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