

**Ph.D. PROGRAMME IN PSYCHOLOGY
(PHDPC)**

Term-End Examination

June, 2017

00261

**RPC-001 : ADVANCED RESEARCH
METHODOLOGY**

Time : 3 hours

Maximum Marks : 100

Note : All sections are compulsory.

SECTION A

*Answer any ten of the following questions in about
50 words each :*

10×4=40

1. Define and describe experimental design.
Explain the principle of MAXMINCON. 4
2. Describe Item Analysis in test construction. 4
3. Explain the differences between quantitative and
qualitative research designs. 4
4. Describe in detail, survey research. 4

5. Give the advantages and disadvantages of factorial research design. 4
6. Describe the different case study methods used in Psychological Research. 4
7. Describe the methods of sampling in research. 4
8. Describe the use of review of literature in a Research Report. 4
9. Describe and state the use of Content Analysis. 4
10. Write a note on Post Hoc Fallacy. 4
11. Describe the Halo effect. 4

SECTION B

Answer any **five** of the following questions in about 200 words each : 5×6=30

12. Discuss the types, advantages and disadvantages of correlational research design. 6
13. Explain the concept of discourse analysis. Indicate its use in data analysis. 3+3
14. Discuss the steps and methods of grounded theory. 6
15. Delineate the differences and similarities in “Between Groups” and “Within Groups” designs. 6
16. Discuss the importance and methods used in randomisation. 6
17. Differentiate between field study and field experiment with suitable examples. 6

SECTION C

Answer any **two** of the following questions in about
500 words each : 2×15=30

18. Describe the different types of Reliability and their computations. 15
 19. Discuss the methods and steps used in standardisation of tests. 15
 20. Discuss the major components of a Research Report. 15
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