

Doctor of Philosophy in Psychology(PHDPC)

Term End Examination

June, 2014

RPC 001: ADVANCED RESEARCH METHODOLOGY

*Time: 3 Hours**Maximum Marks: 100*

Note: All sections are compulsory. Read the instructions carefully before attempting each section.

Section-A

Ans. any 10 of the following questions in about 50 words each. All questions carry equal marks. 10 x 4=40

1. What are different methods of quantitative research? 4
2. Discuss the advantages of 'Pilot study'. 4
3. Explain the concept of research design. 4
4. What are the different types of interview? 4
5. Elucidate the difference between reference and bibliography. What is the method of writing reference according to APA format? 4
6. Define standard error of measurement. What is its importance in research? 4
7. Define reliability and validity. How are these two related? 4
8. Put forward different types of qualitative analysis. 4
9. What is alternate and null hypothesis? 4
10. Explain *placebo effect* in a research study. 4
11. What is Meta-Analysis? 4

Section- B

Answer *any 5* of the following questions in about *200 words* each. All questions carry equal marks. 5 x 6=30

12. Elucidate the different types of variables in terms of causal-relationship and designs of research study. 6
13. Describe the method involved in item analysis. 6
14. Discuss the probability and non-probability sampling methods and indicate their importance in research. 6
15. Explain the ethical problems faced by the researcher while conducting research. 6
16. Define validity and discuss the different types. 6
17. Explain the different types of scaling methods with suitable examples. 6

Section-C

Answer *any 2* of the following questions in about *500 words* each. All questions carry equal marks. 15 x 2=30

18. Briefly state the different methods of data collection. Formulate a questionnaire for assessing the attitude of teachers towards teaching. 15
19. Describe the different types of experimental research design with suitable examples. 15
20. Discuss the process involved in report writing. What aspects are involved in 'Methods' Chapter? 15