

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

**Term-End Examination**

**December, 2016**

**RPC-001 : ADVANCED RESEARCH  
METHODOLOGY**

**Time : 3 hours**

**Maximum Marks : 100**

**Note :** (i) *All Sections are compulsory.*

(ii) *Read the instructions carefully before attempting each section.*

**SECTION - A**

Answer any ten of the following questions in about 50 words each. All question carry equal marks. **10x4=40**

1. Discuss the types of variables. **4**
2. What are the ways of controlling extraneous variables ? **4**
3. Describe the different types of observation method. **4**
4. Discuss factorial research design. **4**
5. Differentiate between reliability and validity. **4**

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|-----|--|---|
| 6.  | What are the different types of questionnaire that can be used in research ?                         | 4 |
| 7.  | Discuss the different types of hypotheses.   | 4 |
| 8.  | Explain the significance of pilot study in research.   | 4 |
| 9.  | What is the difference between Quasi experimental research design and Experimental research design ? | 4 |
| 10. | What is an Ex-Post-Facto research ?  | 4 |
| 11. | What is a case study ?   | 4 |

### SECTION - B

Answer **any five** of the following questions in about **200** words each. All questions carry **equal** marks.

**5x6=30**

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|-----|---|---|
| 12. | Describe various ethical issues in psychological research.                    | 6 |
| 13. | Explain the different types of survey research.                               | 6 |
| 14. | Differentiate between test - retest reliability and split - half reliability. | 6 |
| 15. | Compare and Contrast the various types of interview.                          | 6 |
| 16. | Describe discourse analysis.  | 6 |
| 17. | Discuss the different steps in conducting research.                           | 6 |

### SECTION - C

Answer any two questions in about 500 words each. All questions carry equal marks. 2x15=30

18. What is the relevance of research design? Explain the types of single factor design. 3+12
  19. Discuss the purpose, types and steps of Ethnographic research method. 15
  20. Define and differentiate between qualitative and quantitative research methods. 15
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