

**PHD PROGRAMME IN PSYCHOLOGY (PHDPC)**

**Term-End Examination**

**December, 2014**

**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 sections.*

**SECTION - A**

**10x4=40**

Answer **any ten** of the following in about **50 words** each. All questions carries **equal** marks.

1. Elucidate the significance of Ex-post facto research design. 4
2. Explain the different biases a researcher should be cautious about while conducting research. 4
3. What do you understand by the term 'informed consent' and indicate the importance of the same ? 4
4. Explain the concept of 'problem' and 'hypothesis' with examples. 4
5. What is the relevance of 'abstract' in a research report ? 4

6. Describe the criteria of a good research design. 4
7. Explain the meaning of 'Type I' and 'Type II' errors. 4
8. What is 'interaction effect' and 'main effect' in a factorial research design ? 4
9. What is error variance and how does it confound the research data ? 4
10. Differentiate between independent and dependent variables. 4
11. What is Content Analysis ? 4

**SECTION - B**

**5x6=30**

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

1. Point out the different advantages and disadvantages of a survey research. 6
2. Explain the different sources of literature review and discuss how can plagiarism be avoided. 6
3. What are the different methods of probability sampling ? 6
4. Present in detail the different phases of research. 6
5. Differentiate between experimental and survey research. 6

6. Define Reliability. Describe the different types of reliability. 6

**SECTION - C**

**2x15=30**

Answer **any two** of the following in about **500 words** each. All questions carries **equal** marks.

1. Differentiate between qualitative and quantitative analysis. 15
2. Define research design. What are adequate and inadequate research design ? Give suitable examples. 15
3. Explain with example the relevance of 'case study' method and indicate the advantages and disadvantages of this method. 15
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