RES-001

Ph.D. (EDUCATION)

Term-End Examination

☐☐☐☐6☐ **December, 2016**

RES-001 : RESEARCH METHODOLOGY I

Time : 3 hours   *Maximum Weightage : 70%*

Note : *All questions are **compulsory**. All questions carry equal weightage.*

1. Answer the following question in about 600 words :

   What are the characteristics of a good research hypothesis ? Explain various types of hypotheses with suitable examples.

   OR

   State the characteristics of a research problem. Discuss some effective ways of finding a suitable problem for educational research.

2. Answer the following question in about 600 words :

Explain various ways to control the effect of extraneous variables in an experimental research. Illustrate your answer with suitable examples.

OR

Explain various sources of educational data. Why is it advantageous to use primary sources over secondary sources of data in an educational research ?

3. Answer any *four* of the following questions in about 150 words each :

(a) Differentiate between applied and action research.

(b) Why is ex post facto study not an experiment ?

(c) "It is desired to have a large sample in a research." Do you agree ? Justify.

(d) Differentiate between probability sampling and non-probability sampling.

(e) Highlight the importance of reviewing the related literature in research.

(f) Explain the merits of participant observation over non-participant observation.

4. Answer the following question in about 600 words :

Suppose you have been asked to evaluate a research report. What points will you keep in mind while evaluating the research report ?