

00342

Ph.D (EDUCATION)

Term-End Examination

December, 2017

RES-001 : RESEARCH METHODOLOGY (I)

Time : 3 hours

Maximum Weightage : 70%

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- Note :** (i) *All questions are compulsory.*
(ii) *All questions carry equal weightage.*
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1. Answer the following question in about **600** words :
Explain the scientific nature of research. Discuss the need and relevance of mixed methods of research.

OR

Discuss the ethical considerations to be kept in mind while planning and conducting educational research.

2. Answer the following question in about **600** words :
Discuss various threats to internal experimental validity. Also, explain the ways to control them.

OR

Discuss the steps in conducting descriptive research with suitable example.

3. Answer **any four** of the following in about **150** words each :
(a) Differentiate between intervening and extraneous variables with suitable examples.

- (b) Distinguish between external and internal criticism in historical research.
- (c) How does a research hypothesis differ from a research question ?
- (d) Discuss the problems in conducting virtual world research.
- (e) Explain the nature and condition in which cluster sampling is done with suitable example.
- (f) Explain the merits of observation over using an interview as a research tool.

4. Answer the following in about 600 words :
Suppose you have been asked to evaluate the curriculum implemented in your institution.
Draw up a research proposal for the same.
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