

MASTER OF ARTS (EDUCATION)

Term-End Examination

December, 2011

MES-016 : EDUCATIONAL RESEARCH

Time : 3 hours

Maximum Weightage : 70%

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- Note :** (i) *All questions are compulsory.*
(ii) *All questions are of equal weightage.*
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1. Answer the following question in about 600 words :

Explain the scientific method of acquiring knowledge in education. Discuss the strengths and limitations of scientific method.

OR

What is meant by 'field methods' ? Discuss briefly different field methods used in educational research.

2. Answer the following question in about 600 words :

Explain the meaning and nature of descriptive survey research. Differentiate between cross sectional survey and longitudinal survey with suitable examples.

OR

What is meant by quasi-experimental design ? Differentiate between non-equivalent control group design and counter balanced design.

3. Answer *any four* of the following questions in about **150** words each :
- (a) Explain how a researcher identifies a problem for research.
 - (b) Differentiate between systematic sampling and stratified sampling.
 - (c) Differentiate between parametric and non-parametric data with examples from educational research.
 - (d) Explain the meaning and applications of Normal Probability Curve.
 - (e) Explain the meaning and applications of triangulation in educational research.
 - (f) What is a research report ? Discuss various types of research reports.

4. Answer the following question in about **600** words.

Identify a problem from any aspect of education. Prepare a research proposal to carry out investigation on the same problem.
