

MASTER OF ARTS IN DISTANCE EDUCATION
(MADE)

Term-End Examination

December, 2012

ES-315 : RESEARCH FOR DISTANCE
EDUCATION

Time : 3 hours

Maximum Weightage : 75%

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- Note :** (1) Attempt all the *three* questions.
(2) All the *three* questions carry equal weightage.
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1. Answer *any one* of the following in about 1200 words :
- (a) Differentiate between qualitative and quantitative research. Also, discuss the various issues pertaining to the nature of research in distance education, with suitable examples.
- (b) Analyse the research studies in any two areas of distance education in India. Classify the research gaps you find under various areas with suitable examples.

2. Answer *any four* of the following in about **300** words each.

- (a) Discuss the issues regarding objectives in naturalistic studies and also suggest how can you enhance objectivity in such studies ?
- (b) Describe the importance of external and internal criticism in historical research with suitable examples.
- (c) Explain three types of hypotheses with suitable examples from distance education.
- (d) Discuss the characteristics of a good research tool.
- (e) Explain any two types of probability sampling with examples.
- (f) Discuss the limitations of applying scientific approach in distance education research.

3. Solve *any one* of the following :

- (a) Calculate the co-efficient of correlation by using product moment correlation of the following data :

x	5	7	10	12	6	3	9	10	4
y	2	4	6	8	12	4	6	8	5

- (b) Find the t-ratio of the following samples :

x_1	13	14	10	11	15	12
y_1	12	7	9	10	2	5