

Ex/EDN/PG/1.4/7/2017

MASTER OF ARTS EXAMINATION, 2017

(1st Year, 1st Semester)

EDUCATION

Course - IV

**(Methodology of Educational Research
and Educational Statistics - I)**

Full Marks : 30

Time : Two Hours

The figures in the margin indicate full marks.

1. Answer any *one* of the following (in about 500 words) :

12×1=12

(a) What is observation ? Discuss the important types of observations. Write the limitations of this technique.

2+8+2=12

(b) Define hypothesis. Discuss different types of hypothesis with suitable example.

2+10=12

2. Answer any *two* of the following (in about 250 words each):

6×2=12

(a) Give suitable definition of scientific research and explain the nature of scientific enquiry.

2+4=6

[*Turn over*]

[2]

(b) What is meant by validity of a research tool ? Mention the various types of validity of a research tool ?

3+3=6

(c) Compare experimental research with non-experimental research. Give relevant examples. 6

(d) Describe different types of sample with suitable example. 6

3. Answer any *three* of the following (in about 60 words each): 2×3=6

(a) Define variable. 2

(b) State the steps of research report writing. 2

(c) What is Action Research ? 2

(d) State any two differences between qualitative and quantitative analysis. 2

(e) What is meant by sampling error ? 2
