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- b) Mention any two objectives of educational research.
- c) Give an example of 'action research'.
- d) What is meant by 'knowledge gap'?
- e) Write any two differences between 'probability' and 'non-probability' sampling.

Ex/EDN/PG/1.4/2023

**MASTER OF ARTS EXAMINATION, 2023**

(1st Year, 1st Semester)

**EDUCATION**

**[ METHODOLOGY OF EDUCATIONAL RESEARCH &  
EDUCATIONAL STATISTICS - I ]**

Time : Two Hours

Full Marks : 30

1. Answer any **one** of the following : 12×1=12
  - a) Explain the steps of the scientific method in educational research. Discuss the differences between qualitative and quantitative research. 6+6
  - b) What is a 'directional hypothesis', and when would it be used? Discuss the characteristics of a good hypothesis. 5+7
2. Answer any **two** in about 200 words each: 6×2=12
  - a) Discuss the meaning and characteristics of 'ethnographic research'. 2+4
  - b) Explain the criteria for the identification of a research problem.
  - c) Briefly discuss different types of variables in educational research with examples.
  - d) Discuss the criticism of historical data.
3. Answer **any three** in about 60 words each: 2×3=6
  - a) What is 'sampling error'?

[ Turn over