

**2018**  
**EDUCATION**  
**EDN: 3.1**  
**METHODOLOGY OF EDUCATIONAL RESEARCH**  
**Full Marks: 80**  
**Time: 3 Hours**

*The figures in the margin indicate the full marks for the questions*

**A. Answer the following questions (within 50 words each) 2 x 5 = 10**

1. What are psychological tests?
2. Why are researches conducted in education?
3. Mention the types of historical research.
4. State in brief declarative hypothesis.
5. Elucidate developmental studies.

**B. Answer the following questions 5 x 4 = 20**

1. Briefly explain the types of quantitative research.
2. Enumerate the steps involved in descriptive research.
3. Discuss the importance of null hypothesis in educational research.
4. Explain the limitations in constructing and using rating scales.

**C. Write notes on any two of the following 10 x 2 = 20**

1. Sampling Errors.
2. Types of reliability test.
3. Secondary sources.

**D. Answer the following 15 x 2 = 30**

1. A. What is research? Explain the significance of research in education.

Differentiate between applied and action research. **2 + 6 + 7 = 15**

Or

B. Discuss the needs of review of related literature. Explain the library skills required by the researcher for a thorough survey of literature related to a research problem in education. **5 + 10 = 15**

2. A. Explain the concept of a sample. Enumerate the needs for selecting sampling. Explain stratified and cluster sampling with examples.

**3 + 12 = 15**

Or

B. Discuss in brief the importance of research synopsis. Enumerate in brief the layout of research synopsis. **5 + 10 = 15**

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