

NA-106

November-2023

M.Ed., Sem.-III

A-007 : Tools & Techniques in Educational Research

Time : 2:30 Hours]

[Max. Marks : 70

SECTION - I

1. Answer any two questions out of three from the following questions. Each answer should be in about 750 words : 20

- (1) What is the meaning of Tool of Research ? Explain Types of Tools with examples.
- (2) Define a Rating Scale as a research tool. Explain the types of Rating Scale and write two benefits and two limitations of it.
- (3) State the steps of construction of a Self-made tool. Explain each with example.

2. (A) Answer any two questions out of three from the following questions. Each answer should be in about 125 words : 10

- (1) Explain Types of Observation in detail.
- (2) Explain five qualities of a Good Tool.
- (3) Explain the steps for preparing the Questionnaire.

(B) Answer the following five questions in short. Each question carries 1 mark. 5

- (1) What is the Attitude scale ?
- (2) Give the Types of Interview Technique.
- (3) State the Method of Administration of Opinionnaire.
- (4) State any two Advantages of Evaluation Sheet.
- (5) State the Types of Sociometric Technique.

SECTION - II

3. Answer any **two** questions out of **three** from the following questions. Each answer should be in about **750** words :

20

- (1) Explain the Steps of Construction of Standardized Test with Example.
- (2) Explain the methods of finding Reliability Value in detail.
- (3) Explain the types of finding Validity Value in detail.

(A) Answer any **two** questions out of **three** from the following questions. Each answer should be in about **125** words :

10

- (1) Explain the ways to classify tests in Educational Research.
- (2) Explain the Need for Data Collection with Examples.
- (3) Explain the Scales of measurement of Data with examples.

(B) Answer the following **five** questions in short. Each question carries **1** mark.

5

- (1) What are the characteristics of Standardised Test ?
 - (2) What is Ethical Consideration in Data Collection ?
 - (3) What is Fact ? How it is Related with Data in Research ?
 - (4) What is Experimental Data ?
 - (5) What is Quantification ?
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