

Educational Measurement and Evaluation (Elective)

Full Marks-100

Objectives:

To enable the student - teachers to:

- a) understand the concept difference and purpose of Measurement and Evaluation.
- b) acquaint with scales of Measurement.
- c) become familiar with different approaches of Evaluation.
- d) acquaint with the meaning, planning and uses of Achievement Test.
- e) understand the elementary ideas of some psychological tests
- f) acquire information about modern trends in Evaluation.
- g) become familiar with the idea of some Statistical Concepts and Measurement.

Contents:

1. Evaluation and Measurement: Concept, Difference and Uses or Purpose.
2. Scales of Measurement: Nominal, Ordinal, Interval and Ratio.
3. Tools and Techniques of Evaluation
Criteria of a good Evaluation Tool- Reliability & Validity.
4. Approaches in Evaluation: Formative and Summative.
Types of tests: NRT, CRT
5. Achievement Tests: Meaning, Types, Construction, Standardization.
6. Psychological Tests: Brief concept of Intelligence Test, Aptitude Test, Interest Inventory, Attitude Test, Creativity and Personality Test.
7. Modern Trends in Evaluation: Concept of Item Bank, Grading and Marking system, Questionnaire.
8. Statistical Measurement:
 - a) Frequency Distribution Table
 - b) Graphical Representation of Data – Histogram, Polygon, Ogive.
 - c) Measures of Central Tendency.
 - d) Measures of Variability.
 - e) Co-efficient of Correlation – Product Moment and Rank Difference Methods.
 - f) Normal Probability Curve – Concept, Characteristics, Uses.
Standard Score

