

B-403: ASSESSMENT & LEARNING

Objectives:

- To introduce the student teachers to the scientific meaning/ methods of evaluation.
- To create in the student teacher an awareness regarding the need for improving the present day examination.
- To enable the student teachers to construct good questions for relevant testing & evaluation.
- To equip the student teachers with skills in statistical analysis and interpretation of school examination results

Unit-I: ASSESSMENT FOR LEARNING

- Evaluation-Concept of Evaluation & Measurement
- Types of Evaluation-Formative & Summative
- Present Evaluation system at secondary level- its strengths & weaknesses; Examination reforms.
- Characteristics of a good measuring Tool.

Unit-II: TESTING ACHIEVEMENT

- Process of Evaluation; characteristics of a good Achievement Test.
- Type of Achievement Tests- Criterion referenced v/s Norm referenced, Teacher made v/s standardized.
- Type of Test items- objective type, essay type and short answer type, construction of achievement test.

Unit-III TOOLS

- Tools for measuring intelligence, creativity, aptitude, interest and personality of learners.
- Non testing techniques for evaluation – Observation, Rating scale, Interview, Sociometry, Projective technique

Unit-IV STATISTICS

- Statistics: Meaning and nature
- Graphical presentation of Data: Histogram, Frequency Polygon, Bar Graph, Pie-Chart and Ogive
- Measures of Central Tendency- Mean, Median and Mode

- Measures of Variability- Standard deviation and Percentile
- Correlation-Meaning, Nature and computation of Rank order correlation.
- Properties and use of Normal Probability Curve
- Grading System

PRACTICUM

- Construction, administration of objective type achievement test in any one subject and interpretation of result.
- Unit Test
- Development of different types of Tools- Rating Scale, Schedule, Questionnaire, Observation.

Books Recommended:

- Gronlund, N.E.: Measurement & Evaluation
- Gupta, S.P.: Shaikshik Mapan Evam Mulayankan
- Rastogi, K.G.: Shiksha Mein Mapan Evam Mulayankan

