

**SEMESTER - II****CPS 3 EVALUATION OF LEARNERS****Credits: 4****Internal: 40 marks****Hours/Week: Theory-4hrs & Practical- 2hrs****External: 60 marks****Total: 100 marks****Course Learning Outcomes****At the end of the course, the student-teachers will be able to**

- explain the concept and identify the various approaches to Evaluation;
- infer the qualities of a good testing tool;
- construct and administer achievement tests;
- interpret the test scores through quantitative analysis;
- justify the need for Continuous and Comprehensive Evaluation and Portfolio Assessment;
- assess children with special needs; and
- prepare the Test and Measurement Record based on the scores of achievement test of students in internship schools.

**Unit I: Introduction and Approaches of evaluation**

Teaching Learning Process and Evaluation- Definition of Evaluation – Role of Evaluation – Need and Importance of Evaluation — Characteristics of good evaluation – Evaluation, Assessment and Measurement. Formative Evaluation, - Summative Evaluation – Distinction between Summative and Formative Evaluation – External Evaluation – Internal Evaluation – Norm Referenced and Criterion – Referenced Evaluation.

**Unit II: Criteria of a good tool and types of tests**

Essential criteria of an effective tool of evaluation – validity – reliability – objectivity – usability – Parameters concerning an evaluation item: Item analysis – difficulty level – discriminatory power. Rating Scales – Numerical Scale – Graphic scale rating by cumulative

points – Rubric for assessment - Meaning - Benefits - Challenges - Diagnostic Test and Prognostic Test– Speed Vs Power tests – Individual Vs group tests – Aptitude tests – Teacher made and Standardized tests.

### **Unit III: Construction and Administration of Achievement Test**

Achievement test: Meaning-Purpose of Achievement tests – Construction of achievement tests – Instructional objectives – Design – Blue print – Writing of questions – Marking Scheme – Highlights of good marking scheme - Question-wise Analysis – Standardized achievement tests. Types of questions: Short Answer Questions – Extended Answer Type – Completion type – Objective type questions – Multiple Choice – True-False Matching Block–Merits and Demerits of each type. Administration of achievement test: infrastructural requirements- manpower requirement. Scoring and Recording of test results – Order of Scoring - Z score, T score and C score - Maintaining Records – norms and Interpretation of test scores – Grades. Objective Based Tests- Differences among objective type test-objectivity of tests and objective based tests.

### **Unit IV: Quantitative Analysis and Interpretation of Test Scores**

Meaning – functions and significance – Application of Educational Statistics – Tabulation – Frequency Table, Measures of Central Tendency – Arithmetic Mean, Median, Mode, Quartiles and Percentiles – Measures of Variability – Range, Quartile Deviation and Standard Deviation. The normal distribution and its properties – Concepts of Skewness and Kurtosis – Correlation: Definition, meaning and uses - Computing the Co – efficient of Correlation by the Rank Difference method – Graphical representation of data – Bar Diagram, Histogram, Frequency polygon – its interpretations and implications.

### **Unit V: Continuous and Comprehensive Evaluation (CCE) and Portfolio Assessment**

Concept, Uses, Process Involved, Assignments in CCE - Advantages and Drawbacks of Continuous and Comprehensive Evaluation (CCE). Continuous and Comprehensive Evaluation (CCE) of Curricular and Co – Curricular Activities. Portfolio Assessment: Meaning, Steps involved in developing - Strength and Weaknesses – Guidelines for Portfolio Entries – Examples of Classroom Portfolio.

## **Unit VI: Test for children with special Needs, Grading System, Feed back as assessment mechanism for quality assurance**

Performance Test, Pre – School Testing – Assessment of Mentally Retarded – System of Multicultural Pluralistic Assessment (SOMPA) – Testing the Physically Handicapped. Drawbacks of Traditional Scoring System and Traditional Grading System – Grading System Comparative / Relative Grading, Advantages and Limitations – Absolute Grading: Pre – Established Percentage scores, Criterion – Referenced Grading, Numerical Grading – Guidelines for Effective Grading. Importance – Feedback cycle – implication – types of feedback – students — Peers – superiors.

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