

SARDAR PATEL UNIVERSITY
Programme & Subject: Bachelor of Education (Advanced)
Semester: I
Syllabus with Effect from: June-2010

Paper Code: UE01EBEA01		Total Credit: 2
Title Of Paper: Measurement & Evaluation		
Unit	Description in Detail	Weightage (%)
I	Educational Evaluation Evaluation, Measurement, Assessment and Testing Concept of Evaluation- Definitions, Meaning, and Characteristics Components of Evaluation Purposes/Needs of Evaluation Factors playing Major Role in the Concept of Evaluation	25%
II	Tools and Techniques of Evaluation Characteristics of good measuring instruments and factors affecting them Evaluation Approach ➤ Formative -Summative ➤ Qualitative – Quantitative ➤ Tools of evaluation: - Quantitative – Written, Oral and Practical Qualitative – Observation, Introspection, Projective and Sociometry Planning and Preparation of test (including blue print)	25%
III	New Trends in Evaluation Semester system, Credit and Grading system (meaning & uses only) Online exam Open book exam Exam on demand (National Open Schooling): Concept Continuous remedial evaluation procedures Question Banks: Understanding & Practice	25%
IV	Statistical Methods and Interpretation of scores Need & importance of Statistics in Educational Evaluation Tabulation of Data Graphical Presentation-Histogram and Frequency Polygon. Measures of Central Tendencies (Meaning, Characteristics, and use only): Mean, Median, Mode. Measures of Variability/ Dispersion (Meaning, characteristics, use only): Range, quartile deviation, Standard deviation Normal Probability Curve (NPC): - Properties and uses. Coefficient of Correlation-Spearman's Rank difference method	25%
Practical (Any One)		
	To evaluate and reform the available unit test.	
	Preparation of a Question Bank	
	Graphical representation of students achievement (Sample of 20 students)	

Basic Text & Reference Books:-

- Dandekar W.N. - Evaluation in Schools
- Garrett Henry E. - Statistic in Education and Psychology
- Green, Jorgensen and Gerberich - Measurement and Evaluation

