

The Islamia University of Bahawalpur
DEPARTMENT OF EDUCATIONAL TRAINING
SCHEME OF STUDIES FOR B.Ed 1.5
Course outline

Course Unit Code	EDT-12802
Title	Educational Assessment and Evaluation
Credit Rating	03
Level	B.Ed 1.5
Delivery	Semester 2nd
Tutor	Syeda Sidra Nosheen
Pre-requisites	None

In this course, the students will study the theory and apply the same for test development purposes. Thus they will understand the procedures, applications and limitation of tests, techniques of administrating individual/group tests and of interpreting assessment instruments and profiles.

Objectives

Upon completion of this course the students will be able to:

1. Understand the concept and nature of testing and evaluation
2. Develop and analyze test items for assessing different abilities of students
3. Recognized and described the different types of measurement instruments
4. Differentiate between standardized and classroom test
5. Define and apply introductory analytical terms and concepts, including basic statistical knowledge
6. Analyze and explain students' profiles based various outcomes of testing; interpret course and results of different measurement techniques

COURSE CONTENTS

Unit no.1 Introduction

- 1.1 Nature and ,meaning of test, assessment measurement and evaluation
- 1.2 Distinction between test, assessment measurement and evaluation
- 1.3 Role of assessment in education
- 1.4 Role of evaluation in education

Unit 2 Different types of tests

- 2.1 Concept of standardized and non-standardized
- 2.2 Norm-referenced test
- 2.3 Criterion-referenced test
- 2.4 Performance assessment
- 2.5 Individual and group test

Unit no. 3 Characteristics of test

- 3.1 **Reliability**
 - Definition of reliability
 - Types of reliability
 - Use of reliability
- 3.2 **Validity**
 - Definition of validity
 - Types of validity
 - Evidence of validity
 - Reliability and validity

Unit no. 4 designing objectives

- 4.1 Selection of instructional objectives
- 4.2 Bloom taxonomy
- 4.3 Solo taxonomy
- 4.5 Methods of stating instructional objectives
- 4.6 Preparing a table of specification
- 4.7 Use the table of specification as a basis for preparing test

Unit no. 5 Statistical concepts related with testing

- 5.1 Scales of measurement
- 5.2 Measures of central tendency
- 5.3 Indices of variability
- 5.4 Types of distribution
- 5.5 Correlation

Unit no. 6 Types of test

- 6.1 Supply type items
 - (a) Essay type
 - (b) Short answer
 - (c) Completion
 - (d) Advantages and limitations
- 6.2 Rules for constructing supply type questions
- 6.3 Methods of improvement and effective use (Rules for scoring Essay tests etc.)
- 6.4 Selection types and tests
 - (a) Multiple choice items

- (b) True False items
- (c) Matching item
- (d) Completion items

6.5 Rules for constructing various types of objective test items

Unit no.7 Item analysis

- 7.1 Test construction
- 7.2 Test administration
- 7.3 Item analysis

Unit no. 8 Assembling, Administering and Evaluating Test

- 8.1 Reviewing and editing the items
- 8.2 Arranging the items in the last
- 8.3 Preparing directions
- 8.4 The problem of guessing
- 8.5 Reproducing of test
- 8.6 Administering the test
- 8.7 Scoring the test
- 8.8 Building the test life
- 8.9 Item back

Unit no. 9 Grading and Reporting

- 9.1 Concept of grading
- 9.2 Types of Grading
- 9.3 Reporting results to different stakeholders

Unit no.10 New trends and issues

- 10.1 Portfolio Assessment
- 10.2 Dynamic Assessment
- 10.3 Computer assisted assessment and evaluation

Recommended Books

Rowntree' D (2006). International Encyclopedia of Higher Education (Volume: 3) New Delhi: Crest Publishing House

Smith'D. (2003). Encyclopedia of Educational Measurement and Evaluation: History of Measurement and Evaluation (Volume: 1). New Delhi: Commonwealth Publishers.

Boone, W.J., Staver, J.R., & Yale, M.S. (2004). Rasch Analysis in the Human Sciences. Dordrecht: Springer.

Smith, E.V. and Smith, R.M.(2004). Introduction to Rasch Measurement: Theory, Models and Application. Maple Grove, Minnesota: JAM Press

Kubiszyn, T., & Borich, G. (2006). Educational testing and measurement: Classroom application and practice (10th ed.). New York: John Wiley & Sons.