

TEST AND MEASUREMENT RECORD

Introduction

Measurement - Meaning and Concept

Test - Meaning and Concept

Assessment - Meaning and Concept

Evaluation - Meaning and Concept

Relationship among, Test, Measurement, Assessment & Evaluation

Characteristics of a Good Test

Validity and its types

Reliability and its methods

Objectivity

Comprehensive

Usability

Types of Test

Prognostic Test - Meaning, concept and uses

Diagnostic Test - Meaning, concept and uses

Achievement Test - Meaning, concept and uses

Types of Test Items

Objective type questions

- ✓ Multiple Choice - Concept, Preparation guidelines and major related Example, Merits and Demerits
- ✓ Fill in the blanks - Concept, Preparation guidelines and major related Example, Merits and Demerits
- ✓ Match the following- Concept, Preparation guidelines and major related Example, Merits and Demerits
- ✓ True or false - Concept, Preparation guidelines and major related Example, Merits and Demerits

Short Answer Type - Meaning, Merits and Demerits

Essay Type questions - Meaning, Merits and Demerits

Construction of Achievement Test

Planning the Test - Objectives of the test, maximum time and maximum marks)

Preparation of a Design for the Test

- ✓ Weightage to objectives – Concept and Table
- ✓ Weightage to content – Concept and Table
- ✓ Weightage to form of questions – Concept and Table
- ✓ Weightage to difficulty level – Concept and Table

Preparation of the blue print - Concept and table

Writing Test Items – Question paper

Preparation of Scoring Key and Marking Scheme

Administering the Test – Mark List

Analyzing the test scores

Frequency table

Measure of central tendency - Arithmetic mean, Median and Mode (Table and Calculation)

Measures of variability - Range, QD, MD and SD Calculation - (Table and Calculation)

Rank Correlation calculation (Spearman's Rank Correlation co-efficient) - (Table and Calculation)

Summary of Results

Graphical Representation (Concept, table and Graph)

Histogram, Bar Diagram, Frequency Curve, Frequency Polygon, Ogive Curve