



# **TRIPURA UNIVERSITY**

**(A Central University)  
Suryamaninagar-799022**

**Syllabus**

**OF**

**Education  
(General & Major)**

**Semester – V & VI**

**2014**

# EDUCATION

## Syllabus for Semester – V

**B.A HONOURS**

Paper: H5 (Major)

### Measurement & Evaluation in Education

Full Marks: 100 (80+20)

#### **Objectives**

- To enable the students to understand the concept of measurement & evaluation as applied to education.
- To familiarize the students about the various types of educational and psychological tests.
- To enable the students to develop the competency in solving various problems of evaluation.

#### **COURSE CONTENT**

##### **Unit – I : Measurement, Assessment and Evaluation in Education**

Measurement : concept, purpose and scales of measurement.

Evaluation : concept, types and its importance in education.

Assessment : Concept, Norm Referenced Vs Criterion Referenced Assessment, Role of Assessment in Education.

- Interrelationship among measurement, assessment and evaluation.
- Taxonomy of Educational Objectives: Cognitive domain, Summative and Formative evaluation.(to be discussed only)

##### **Unit - II : Tools and Techniques of Assessment**

- Different tools and techniques of assessment : Tests , Observation, Assignment, Anecdotal Records and Project.
- General principles of test construction and standardization.
- Teacher made test and Standardized test.

##### **Unit -III : Characteristics of a Good Test**

- Reliability – concept, methods and factors affecting reliability.
- Validity – concept and methods .
- Objectivity and Norms

##### **Unit –IV : Modern Trends in Evaluation**

- CCE(Continuous and Comprehensive Evaluation)
- Grading and Credit System
- Question Bank
- Semester System

### **Essential Readings**

Mangal, S.K (2008) Statistics in Education System, Evaluation; Test and Measurement. New Delhi: Vikas Publishing House Pvt Ltd.

Aggrawal, J.C (1997). Essentials of Examination System, Evaluation; Tests and Measurement. New Delhi : Vika Publishing House Pvt.Ltd.

Banks, S.R. (2005). Classroom Assessment : Issues and practices. Boston: Allyn & Bacon.

Blooms, B.S (1956). Taxonomy of Educational Objectives : New York: Longman Green and Company.

Cooper, D. (2007). Talk About Assessment, Strategy and Tools to Improve Learning. Toronto: Thomson Nelson.

Earl, L.M. (2006). Assesment as Learning: Using Classroom Assessment to Maximize Student Learning. Thousand Oaks, California: Corwin Press.

Macmillan, J.H. (1997). Classroom Assessment, Principles and Practice for Effective Instruction. Boston: Allyn and Bacon.

Hopkins, KD. (1998). Educational and Psychological Measurement and Evaluation. Boston: Allyn and Bacon. **Suggested Readings**

Noll, N.H.S cannel, D.P. & Craig, RC.(1979). Introduction to Educational Measurement. Boston: Houghton Mifflin.

Linn, R.L. & Gronlund, N.E. (2000). Measurement and Assessment in Teaching. London: Merrill Prentice Hall. Kaplan, R.M & Saccuzzo. D.P. (2000). Psychological Testing, Principles, Applications & Issues. California: Wordswort

**Paper – H6 (Major)**

**EDUCATIONAL TECHNOLOGY & MANAGEMENT**

Full Marks: 100 (80+20)

**Unit-I**

- Educational Technology: Concept, nature, scope, need and limitations.
- Communication: Meaning and nature, types, process, barriers and significance of Communication.
- Communication in teaching-learning situation.
- Mass media approach in educational technology.

**Unit-II**

- System approach: Concept and characteristics of system approach. Components of instructional system; uses and limitation of system approach.
- Programmed Learning: Concept, nature and scope of programmed learning; Principles of programming.
- Computer in education.

**Unit-III**

- Educational Management; Meaning, nature and scope.
- Role of Educational Manager.
- Need of Educational Management in Modern Education.

**Unit-IV**

- Educational Planning: Meaning, scope, needs and significance.
- Educational Planning: Types, Steps & Strategies.
- Manpower Planning: Meaning, nature, scope; Characteristics.
- Steps and Strategies in Manpower Planning.

**Book Recommended:**

1. Dube, S.R. : Educational Management.
2. Prof, Shri Prakash : Educational planning.
3. Das, B.C : Educational Technology.
4. Bhattacharjee, B.B. : Educational Organization.

**B.A EDUCATION**  
**PAPER – P5 (GENERAL)**  
**THOUGHTS AND IDEAS OF GREAT EDUCATORS**

Full Marks: 100 (80+20)

**UNIT - I**

- Swami Vivekananda (1863-1902)
- Sri Aurobindo (1872-1950)

**UNIT -II**

- Rabindranath Tagore (1861-1941)
- Mahatma Gandhi (1869-1948)

**UNIT -III**

- Jean Jacques Rousseau (1712-1778)
- F.W.August Froebel (1782-1852)

**UNIT -IV**

- John Dewey (1859-1952)
- Madam Maria Montessori (1870-1952)

**BOOKS RECOMMENDED**

- Mukherjee, K.K.: Some Great Educators of the World, Das Gupta & Co.pvt.Ltd,Calcutta
- Purkait, B.K.: Great Educators,New Central Book agency,London
- Guha, Bibhuranjan: Shikshay Pathikrit (Bengali), Sobha Publisher, Kolkata.
- Prof.B.C Rai:Theory of Education,Prakasan Kendra,Lakhnow
- Vidya ratna Taneja:Educational Thought and practice,Sterling Publishers Pvt.Ltd,New Delhi

# **EDUCATION**

## **Syllabus for Semester – VI**

**B.A HONOURS**

**Paper: H7 (Major)**

### **Basics of Educational Research and Statistics**

**Full Marks: 100 (80+20)**

#### **Objectives**

On completion of this course the students shall be able to:

- Describe the nature, purpose, scope of research in education.
- Identify types of research in education.
- Explain the characteristics of different types of Research.
- Select and explain an appropriate method for a research study.
- Select appropriate tools and techniques for the collection of data.
- Understand and apply various methods of sampling.

#### **Course Content**

##### **Unit-I: Concept and Types of Research**

- Meaning, nature and scope of Educational Research.
- Types of Research: Fundamental, Applied and Action research; Qualitative and Quantitative Research.
- Research- Problems, Objectives and Hypotheses.
- Review of Related Literature and Studies :Needs and Sources.

##### **Unit-II Major Approaches of Research**

- Historical.
- Descriptive.
- Experimental.
- Survey.

##### **Unit-III: Basic Statistics and their uses**

- Central tendency and Dispersion.
- Graphical representation of data

- Correlation and its uses (Product moment and Rank Difference).

#### Unit-IV: Inferential data Analysis.

- Normal probability curve.
- Standard Scores.
- CR-test (t-test).
- Chi square test.

#### SUGGESTED READINGS

1. Best, J.W & Kahn, J.V : Research in Education, (6<sup>th</sup> Edition) New  
Delhi Prentice Hall, 1989
2. Buch, M.B : A Survey of Research in Education, Baroda,  
CASE, M S.University, 1974
3. Fox, D.J : The Research Process in Education, New  
York, Holt Rhinehart and Winston, Inc 1969.
4. Garrett H.E : Statistics in Psychology and Education,  
Bombay. Vikils, Feiffer & Semen's Ltd, 1988
5. Good, Barr &Scates : Methodology of Educational Research, New  
Work Appleton Crofts, 1962
6. Guildford, J.P &Fruchter, B : Fundamental Statistics in Psychology &  
Education, New York, McGraw Hill, 1974
7. Kerlinger F.N : Foundation of Behaviour Research, Delhi,  
Surjeet Publications, 1978
8. Koul, L : Methodology of Educational Research, New  
Delhi Vikash Publications, 1998
9. Kurtz, A.K. & Mayo, S.T : Statistical Methods in Education and  
Psychology, New Delhi, Narosa Publishing House, 1980
10. Scigal, Sydne, Y. : Non-parametric Statistics for Behavioural  
Science, New Delhi, McGraw Hill, 1978
11. Singh, Arun Kumar : Text, Measurement and Research Methods in  
Behavioural Sciences, New Delhi, McGraw Hill,  
1986
12. Sukia S.P, & Other : Elements of Educational Research, (3<sup>rd</sup> Edition).

13. Tuckman, B.W  
New  
Bombay, Allied Publishers, 1974  
: Analyzing and Designing Educational Research,  
York, Harcourt Brace Jovanovich, Inc, 1978
14. Tuckman, B.W  
New  
York, Harcourt Brace Jovanovich, Inc., 1979  
: Conducting Educational Research (2<sup>nd</sup> Edition),
15. Van Dalen, D.B. & Meyer, W.J  
: Understanding Educational Research, New York,  
McGraw Hill C, 1979.



**B.A HONOURS  
PAPER – H8 (Major)**

**EDUCATIONAL THEORIES AND IDEAS OF GREAT EDUCATORS**

Full Marks : 100(80+20)

**UNIT - I**

- Raja Rammohan Roy (1772-1883)
- Iswar Chandra Vidyasagar (1820-1891)
- Swami Vivekananda (1863-1902)

**UNIT -II**

- Rabindranath Tagore (1861-1941)
- Mahatma Gandhi (1869-1948)
- Sri Aurobindo (1872-1950)

**UNIT -III**

- Jean Jacques Rousseau (1712-1778)
- Johann Heinrich Pestalotzzi (1748-1827)
- F.W. August Froebel (1782-1852)

**UNIT -IV**

- Herbert Spencer (1820-1903)
- John Dewey (1859-1952)
- Madam Maria Montessori (1870-1952)

**BOOKS RECOMMENDED**

- Mukherjee, K.K : Some Great Educators of the world, Das Gupta & Co.pvt. Ltd, Calcuta
- Purkait, B.K. : Great Educators, New Central Book Agency, London
- Guha, Bibhuranjan : Shikshay Pathikrit (Bengali), Sobha Publisher, Kolkata.
- Prof.B.C Rai : Theory of Education, Prakasan Kendra, Lakhnow.
- Vidya Ratna Taneja : Educational Thought and practice, Sterling Publishers Pvt.Ltd.