

PAPER-2

DEVELOPMENT OF LEARNER AND TEACHING - LEARNING PROCESS

Objectives :

Student teachers...

1. Acquire knowledge and understanding of stages of human development with special reference to adolescent learners.
2. Develop understanding of the process of children learning in the context of various theories of learning and teaching.
3. Understanding intelligence, aptitude, personality, creativity, motivation and various types of exceptional children.
4. Develop skill of effective teaching-learning process and use of psychological tests.
5. Understand the principles and techniques of attitudinal and behaviour modification.

Unit-I Concept and Features of Learner

- A. Concept and difference between growth and development.
- B. Stages of development (with reference to adolescence)
 - Types of development: Physical, Emotional, Motor, Mental and Social (with reference to adolescence)
- C. Sex Education: Concept, Content, Necessity, Precautions of imparting sex education.
- D. Adolescence in Indian Context: Problems of adolescents, their needs and solutions.
- E. Role of teacher as a counsellor for adolescents.
- F. Some behavioral disorders: Truancy, Theft, Eve-Teasing, Aggression, Isolation.
- G. Individual Differences-Challenged Learners:
 - Meaning, Factors affecting individual differences and its educational implications.
 - Meaning & Types of challenged learners: Gifted, Mentally Retarded, Slow Learners and Orthopedically disabled.
 - Characteristics, Problems of different Exceptional learners and educational implications.

Unit-II Learning Process

- A. Concept and nature of learning.
- B. Learning Theories:
 - Classical Conditioning
 - Operant Conditioning
 - Learning through Insight
 - Robert Gagne's Theory of Learning: Learning outcomes, Learning conditions, Learning process Educational Implication of these theories.
- C. Factors affecting learning.

Unit-III Teaching Process

- A. Concept of Teaching
- B. Models of Teaching:
 - Concept Attainment Model (J.Bruner)
 - Self-control Model (B.F.Skinner)
 - Stress Reduction Model (Rimur and Masters)

C. Flanders's analysis of classroom interaction.

Unit - IV Psychological Measurement (in the context of Gujarat)

- A. Personality, Intelligence, Aptitude: Concept, Types of Tests, Uses, Implications.
- B. Creativity: Concept, Types of Tests, Uses, Implications, Characteristics of a creative person.

Unit-V Factors Facilitating Learning

- A. Adjustment: Concept
- B. Defense Mechanism
- C. Mental Health: Concept, Factors Affecting Mental Health and Characteristics of Mentally Healthy Learner.
- D. Motivation: Meaning, Types and Techniques of enhancing learner motivation and its implications
- E. Maslow's theory of Motivation.
- F. Characteristics of achievement oriented person.

Unit-VI Basic Statistics

- 1. Importance
- 2. Frequency distribution
- 3. Measures of central tendency
- 4. S.D.
- 5. Graphical Presentation of Data:
 - Pie Graph
 - Bar Graph
 - Histogram

Unit-VII Practicum

- 1. Visit a school and prepare a report of the challenged students.
- 2. Collect the tests and administer them. Analyse scores.
- 3. Study the defense mechanism of the students who remain absent in the school.
- 4. Analyse of classroom teaching of two teachers using Flanders's Classroom Interaction Analysis.
- 5. Collect information about Indian Psychologists.

Reference Books:

- 1. Crow and Crow, "Educational Psychology".
- 2. Hurloc, Elizabeth, "Adolescent Development".
- 3. Skinner F., "Educational Psychology", New York, Prentice.
- 4. Mursell J.L., "Psychology for Modern Education".
- 5. Bernard H.V., "Psychology of Learning and Teaching", New York McGraw Hill Book Ltd. Co.
- 6. Alikel L.R. (1985) "Psychological Testing and Assessment" Baspon- Allwyn and Bacon.
- 7. Barnes, Peter et al (ed), "Personality Development and Learning", A reader kent: Holder and Stoughton.
- 8. Chauhan S.S. (1985), "Advanced Educational Psychology" New Delhi.
- 9. Hayman R.T., "Ways of Teaching", Lippincott & Co., U.S.A.
- 10. Mills H.R., "Teaching and Training", Macmillan Press Ltd., U.K.
- 11. Bower G.H. et. al., "Theories of Learning", P.H.I. Pvt. Ltd.