EDUCATION (EDCN)

Class - XII

Full Marks: 100

Theory - 80 Marks

Project -20 Marks

GROUP: A (30 Marks)
(Psychological and Statistical perspective)

1. Learning

a) Learning - definition and nature, types (as stated by gagne)

b) Factors of Learning

i) Maturation - Its role in learning

ii) Motivation - Definition, Role in Learning

iii) Attention - Definition, Characteristics, Role in Education

iv) Interest - Definition, Characteristics, Role in Education

v) Mental Abilities - Nature as described by Spearman and Thurston

- Intelligence - Definition and Characteristics
- Role of mental abilities in learning

2. Mechanisms of learning

a) Conditioning

i) Classical conditioning - experiment and educational implications

ii) Operant conditioning - experiment and educational implications

b) Problem Solving

i) Trial and error mechanism - experiment, major laws, educational implications

ii) Insightful mechanism - experiment and educational implications

3. Statistics in education

i) Tabulation of data

ii) Frequency distribution

iii) Graphical representation (frequency Polygon and Histogram)

iv) Measures of central tendency and their uses

GROUP- B (30 Marks)

Historical Development (Post-independent period)

4. Educational provisions in Indian constitution related to women's education, equalization of opportunity, education for minority, SC, ST

5. University Education Commission (1948-49) - First Education Commission in free India, Aims of higher education and concept of Rural University

6. Secondary Education Commission (1952-53), aims of secondary education, structure, seven stream system and multipurpose schools

7. The Indian Education Commission or Kothari Commission (1964-66) and the modern system of education in India

a) Concept of general education in present India
- Stages of General education in present India
  - i) Pre-Primary education - Aims and objectives, structure, curriculum and institutions
  - ii) Primary education - Aims and objectives, structure, curriculum and institutions
  - iii) Secondary education - Aims and objectives, structure, curriculum and institutions
  - iv) Higher Secondary - Aims and objectives, structure, curriculum and institutions
  - v) Higher education - mention the position of higher education according to Kothari commission

b) Vocational and Technical education prevailing in India
- i) Vocational and Technical education - concept, relation, types of institutions up to secondary level
- ii) Vocational and Technical education - types, curriculum and institutions up to higher secondary level

c) Opportunities of education after higher secondary stage (names of courses)

8. N.E.P. (1986 as reviewed in 1992) - basic features.

GROUP-C (10 Marks)

Current Issues in Indian education

9. Education for the differently abled children

i) Visually impaired children - Categories and educational provisions
ii) Deaf and dumb children - Categories and educational provisions
iii) Common behavioural problems observed in class room situations and the role of the Parents and teachers to overcome these problems (general study)

10. Universalization of primary education (U.P.E.)

i) Concept
ii) Measures taken to achieve the objectives of U.P.E. - Audit Education programme, Literacy drive programme, S.S.A.

GROUP-D (10 Marks)

Education for the 21st century

11. Global vision for education - Delores commission - 4 pillars of learning- a synoptic view

12. Role of technology in education

Project work (20 Marks)

- Study of interest pattern amongst secondary/higher secondary students
- To study the achievement of students at secondary level in any two subjects and analyse scores in terms of mean, median & mode
- To study the behavioural problems observed amongst the adolescents in a school and suggest measures to overcome it
- To study the programmes or activities of S.S.A. in your locality
- To study the curriculum and types of primary schools (at least two in and around your locality). Apart from the suggested project or field studies any relevant project based on the syllabus can be undertaken