

38. GENERAL KNOWLEDGE & APTITUDE IN TEACHING

DETAILS OF SYLLABUS

PART(A) - GENERAL KNOWLEDGE

1. SCIENCE AND MATHEMATICS

- a. General Science – Physics, Chemistry and Biology up to Std X.
- b. Environmental Science
- c. Mathematics related to life – Percentage, Average, Data handling, Graphical representation.
- d. Mathematical Reasoning – Number Series etc
- e. Arithmetic Calculations.

2. SOCIAL SCIENCE

- a. Freedom movement and National leaders
- b. National development since independence, Five year plans, Gandhian Concept of Development.
- c. Constitution of India, Fundamental rights and duties, Election commission of India, Panchayathi Raj System.
- d. Structure of the earth, Resources and their classification , Volcano, Earthquakes.

3. INDIAN ART, LITERATURE AND ANCIENT INDIAN PHILOSOPHY

- a. Indian music and dance
- b. Vedic age
- c. Sanskrit works
- d. Indian languages & literature
- e. World literature
- f. Books and authors
- g. Awards
- h. Different art forms of Kerala
- i. Indian Philosophy

4. CURRENT AFFAIRS

- a. Inventions, Year, People
- b. Awards, Year , People
- c. Film awards
- d. Sports
- e. Heads of Judiciary
- f. Ministers and duties of Central and State ministries.

5. CULTURE AND VALUES

- a. Salient features of Indian culture, Traditional and National values of India
- b. Salient features of Kerala Culture, Development of Kerala Society, and Impact of media on Society
- c. Changing values, Impact of Western values, how do adolescents view values.

6. COMMUNICATION, MANAGEMENT AND COMMERCE

- a. Communication, Nature, Characteristics, types, barriers and effective communication.
- b. Concept of management
- c. Need and importance of commerce education in modern age.
- d. Concept of Business.

7. INFORMATION AND COMMUNICATION TECHNOLOGY

- a. ICT : meaning, advantages, disadvantages and uses
- b. General abbreviations and terminology
- c. Basics of Internet and e-mailing
- d. Application of computer in teaching and learning.

PART(B) - APTITUDE IN TEACHING

1. ACADEMIC APTITUDE

- a. Factors affecting learning
- b. Learning: Meaning, definition, Characteristics and basic requirements
- c. Learning to learn
- d. Knowledge management

2. ADMINISTRATIVE APTITUDE

- a. Qualities of a teacher

- b. Professionalism of a teacher
- c. Decision making power
- d. Planning and Administration
- e. Educational management, Organization, Supervision, Characteristics of effective management.

3. PSYCHOLOGICAL FOUNDATIONS OF EDUCATION

- a. Psychology: Meaning, Scope, application in education
- b. Concept of learning, Learning theories and their application
- c. Individual differences
- d. Intellectual development – theories
- e. Guidance and Counselling
- f. Development during adolescents, Problems of adolescents.

4. SOCIOLOGICAL AND PHILOSOPHICAL FOUNDATIONS OF EDUCATION

- a. Relationship between Philosophy and Education. Major Philosophical Systems, Contributions to education by Great Thinkers.
- b. Relationship between Education and Society, Education and Social change.
- c. Education in Pre-independent India, Development of modern education, Reports of Education Commissions, Education in Post-independent India – Reports and Policies after Independence, Current problems of education in India and attempts made to solve them. SSA and Other programmes.
- d. Educational development in Kerala, Education under Panchayathi Raj.

5. INNOVATION, TECHNOLOGY, RESEARCH & EVALUATION

- a. Models of Teaching.
- b. Co-operative learning
- c. Reflective Practices
- d. Audio-Visual aids
- e. Micro teaching
- f. Research : Meaning, Characteristics and types
- g. Action Research
- h. Continuous, Comprehensive evaluation
- i. Grading.

6. VALUE BASED EDUCATION

- a. Steps in the building up of a value system

- b. Role of value based education in school level
- c. Universal, traditional and constitutional values

7. APTITUDE IN TEACHING

- a. Nature, Objectives, Characteristics, basic requirements of teaching
- b. Factors affecting teaching.
- c. Characteristics of learners
- d. Methods of teaching
- e. Teaching aids
- f. Evaluation Systems.