

National College of Education, Sirsa

TOPICS OF ASSIGNMENTS

Paper I (Childhood and Growing up):

- Growth & development- concept, difference, principles education implications
- Childhood-concept, physical development, factors affecting
- Adolescence- concept, development, needs
- Heredity and environment- meaning, laws, mechanism and relative importance, educational implications
- Cognitive development- meaning, characteristics, its implications, burners' and jean piaget theory of cognitive development
- Individual difference- concept, determinants, areas and educational programmes
- Social development- concept, factors affecting social development, Erickson's theory

Paper II (Contemporary India and Education):

- Concept of Education, scope, discuss family, school & media as important agencies of education
- Inclusive education as right based education
- Discuss about issues of quality and equity with special reference to girl child and weaker section
- Write brief note of wood dispatch report and basic education scheme.
- Discuss about constitutional provisions in relation to aims of education i.e. preamble, fundamental duties & fundamental rights
- Discuss about national curriculum framework (2005) and needs & objectives.
- Throw light on Kothari commission & NPE (1988) with special reference to educational development in India
- Discuss about concept of diversity, diversity in India with reference to region, religion, caste, language, tribes & economics status. Also discuss about role of education in social diversity.

Paper III (Learning and Teaching):

- Development of Programmed Learning material (Try bat & Validation)
- Project: Action Research

Paper IV (Assessment for Learning):

- Continuous and Comprehensive Assessment
- Formative and Summative Evaluation
- Assessment of Learning and Assessment for Learning
- Critical review of current evaluation practices
- Kinds of tasks
- Assessment tools (observation questionnaire)
- Assessment tools (Interview rating scale)
- Self assessment and peer assessment
- Construction of test
- Examination and Measurement
- Formulation of tasks and question
- Examination for placement
- Suitable criteria for assessment

- Feedback as an essential tool of formative assessment
- Role of ICT in examination
- Reforms in examination with reference to CCE
- Central Tendency
- Normal Distribution
- Credit based evaluation
- Assessment feedback for further learning

TEACHING SUBJECTS

Teaching of English:

- Co-Curricular activities related to English
- Usefulness of language games, quiz, debates, group-discussions
- Other co-curricular activities in Teaching and Learning of English
- Developing language skill of listening, speaking, reading and writing
- Teaching mechanism of reading
- Teaching reading to beginners

Teaching of Punjabi:

- Describe the nature and importance of language- its origin and development
- The role of audio-visual aids in teaching of Punjabi
- Discuss briefly general principles of teaching-learning Punjabi by giving suitable examples.
- What is meant by evaluation? Explain the significance of evaluation in improving Punjabi language/
- Describe the speaking skill? What steps should be followed up for developing skill of speaking among school studies?
- What is curriculum? Explain the principles of designing curriculum of Punjabi with the help of suitable examples?
- What is micro teaching? Prepare a Micro lesson plan for skill of stimulus variation a lesson?
- What do you mean by text book? What are the qualities of good text book in Punjabi?

Teaching of Mathematics:

- Oral and written work in mathematics
- Brain storming method
- Self Study and Supervised study
- Criterion and Norm referenced test
- Preparation of achievement test
- Simulated and Micro Lesson Plan
- Professional growth of mathematics teacher
- Application of ICT in Teaching of Math
- Importance and organization of Math Club
- Importance and setting up of math laboratories.
- Meaning and Nature of Mathematics
- Historical development of math
- Values to be taught in math
- Bloom's taxonomy of objectives
- Diagnostic and remedial teaching of gifted children
- Difficulties faced by math teacher
- Lecture cum demonstration method
- Inductive and deductive method
- Analytic and synthetic method

- Project method
- Teaching of Social Studies:
 - Meaning and Scope of Social Studies
 - Bloom's Taxonomy of Objectives
 - Project Method
 - Curriculum Development
 - Text Book- Importance and Quality
 - Writing Objectives in Behavioural terms
 - Community Resources
 - Evaluation Devices
 - Development of Instructional aids
 - Importance and organization of social studies club
 - Observation and rating scale

Teaching of Computer Science:

- Importance and need of teaching of computer science
- Bloom's Taxonomy of Instructional Objectives
- Project method of teaching of computer science

Teaching of Economics:

- Meaning, Nature and Scope of Economics
- Evaluation and its Devices

Teaching of Commerce:

- Meaning , Nature and Scope of Accountancy
- Values of Commerce Education
- Bloom's Taxonomy of Instructional Objectives
- Development of Curriculum in Commerce
- Effective use of self instructional material in commerce
- Project method of teaching commerce
- Lecture method of teaching commerce
- Meaning, nature and importance of evaluation
- Achievement test and its construction
- Skill of probing questions

Teaching of Physical Sciences:

- Pedagogical analysis of Magnetism, energy and its types, friction, atomic structure
- Bloom's Taxonomy
- Teaching aids and its types
- Development of demonstration experiments
- Formulation of specific
- Objectives in behavioural terms

Teaching of Home Sciences:

- Foods, nutrition and health
- Child care
- Fibre and fabric
- Hygiene and sanitation

Teaching of life sciences:

- Pedagogical analysis of photosynthesis

- Cell structure
- Food chain
- Ecological balance
- Development of aquarium and vivarium
- Collection and preservation of specimen

Teaching of Music:

- Write five rag and five taals from the syllabus
- Method and Qualities of Teaching of Music

हिंदी शिक्षण

- भाषा अर्थ— विशेषताएं, मातृभाषा— अर्थ, महत्व एवं उद्देश्य
- हिंदी पाठ्यक्रम निर्माण एवं समीक्षा
- हिंदी पाठ्यपुस्तक की विशेषताएं एवं समीक्षा
- कविता शिक्षण का अर्थ, परिभाषा और विधियां
- गद्य शिक्षण से क्या अभिप्राय है। उद्देश्य एवं विधियां
- मूल्यांकन से क्या अभिप्राय है। पाठान्तर्गत और पाठोपरांत का वर्णन करें।
- गृह कार्य अर्थ, सुधार व विधियां।