

CTET Paper II

Paper II (for classes VI to VIII) Elementary Stage

Child Development and Pedagogy 30 Questions

a) Child Development(Elementary School Child) 15 Questions

- Concept of development and its relationship with learning
- Principles of the development of children
- Influence of Heredity & Environment
- Socialization processes: Social world & children (Teacher, Parents, Peers)
- Piaget, Kohlberg and Vygotsky: constructs and critical perspectives
- Concepts of child-centered and progressive education
- Critical perspective of the construct of Intelligence
- Multi-Dimensional Intelligence
- Language & Thought
- Gender as a social construct; gender roles, gender-bias and educational practice
- Individual differences among learners, understanding differences based on diversity of language, caste, gender, community, religion etc.
- Distinction between Assessment for learning and assessment of learning; School-Based Assessment, Continuous & Comprehensive Evaluation: perspective and practice
- Formulating appropriate questions for assessing readiness levels of learners; for enhancing learning and critical thinking in the classroom and for assessing learner achievement.

Concept of Inclusive education and understanding children with special needs 5 Questions

- Addressing learners from diverse back grounds including disadvantaged and deprived
- Addressing the needs of children with learning difficulties, "impairment" etc.
- Addressing the Talented, Creative, Specially abled Learners

Learning and Pedagogy 10 Questions

- How children think and learn; how and why children, "fail" to achieve success in school performance.
- Basic processes of teaching and learning; children's strategies of learning; learning as a social activity; social context of learning.
- Child as a problem solver and a "scientific investigator"
- Alternative conceptions of learning in children, understanding children's "errors" as significant steps in the learning process.
- Cognition & Emotions • Motivation and learning
- Factors contributing to learning-personal & environmental

Mathematics and Science 60 Questions 30 Questions 20 Questions

(i) Mathematics a) Content Number System

- Knowing our Numbers
- Playing with Numbers
- Whole Numbers • Negative Numbers and Integers
- Fractions

Algebra

- Introduction to Algebra
- Ratio and Proportion

Geometry

- Basic geometrical ideas (2-D)
- Understanding Elementary Shapes (2-D and 3-D)
- Symmetry: (reflection)
- Construction (using Straight edge Scale, protractor, compasses)
- Mensuration
- Data handling

Pedagogical issues 10 Questions

- Nature of Mathematics/Logical thinking
- Place of Mathematics in Curriculum
- Language of Mathematics
- Community Mathematics
- Evaluation • Remedial Teaching
- Problem of Teaching

Science 30 Questions

(a) Content 20 Questions

Food

- Sources of food
- Components of food • Cleaning food • Materials
- Materials of daily use
- The World of the Living
- Moving Things People and Ideas • How things work
- Electric current and circuits
- Magnets • Natural Phenomena • Natural Resources

Pedagogical issues 10 Questions

- Nature & Structure of Sciences
- Natural Science/Aims & objectives
- Understanding & Appreciating Science
- Approaches/Integrated Approach
- Observation/Experiment/Discovery(Method of Science)
- Innovation
- Text Material/Aids
- Evaluation-cognitive/psycho-motor/affective
- Problems
- Remedial Teaching

Social Studies/Social Sciences 60 Question
 Content 40 Question
 History

When, Where and How

- The Earliest Societies
- The First Farmers and Herders
- The First Cities
- Early States
- New Ideas
- the first Empire
- Contacts with Distant lands
- Political Developments
 - Culture and Science
- New Kings and Kingdoms
- Sultans of Delhi
- Architecture
- Creation of an Empire
- Social Change
- Regional Cultures • The Establishment of Company Power • Rural Life and Society • Colonialism and Tribal Societies • The Revolt of 1857-58 • Women and reform • Challenging the Caste System • The Nationalist Movement • India After Independence

Geography

- Geography as a social study and as a science
- Planet: Earth in the solar system
- Globe
- Environment in its totality: natural and human environment
- Air
- Water
- Human Environment: settlement, transport and communication

- Resources: Types-Natural and Human
- Agriculture

Social and Political Life

- Diversity
- Government
- Local Government
- Making a Living
- Democracy
- State Government
- Understanding Media
- Unpacking Gender

The Constitution

- Parliamentary Government
- The Judiciary
- Social Justice and the Marginalised

Pedagogical issues 20 Questions

- Concept & Nature of Social Science/Social Studies
- Class Room Processes, activities and discourse
- Developing Critical thinking
- Enquiry/Empirical Evidence
- Problems of teaching Social Science/Social Studies
- Sources- Primary & Secondary
- Projects Work
- Evaluation

Language I 30 Questions

- Language Comprehension 15 Questions

Reading unseen passages-two passages one prose or drama and one poem with questions on comprehension, inference, grammar and verbal ability (Prose passage may be literary, scientific, narrative or discursive)

- Pedagogy of Language Development 15 Questions
- Learning and acquisition
- Principles of language Teaching
 - Role of listening and speaking; function of language and how children use
- IT as a tool
- Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form;
- Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders
- Language Skills

- Evaluating language comprehension and proficiency: speaking, listening, reading and writing
- Teaching-learning materials: Textbook, multi-media materials, multi lingual resource of the classroom
- Remedial Teaching

Language-II 30 Questions • Comprehension 15 Questions
 Language-II • Comprehension 30 Questions 15 Questions

Two unseen prose passages (discursive or literary or narrative or scientific) with question on comprehension, grammar and verbal ability

Pedagogy of Language Development 15 Questions

- Learning and acquisition
- Principles of language Teaching
- Role of listening and speaking; function of language and how children use it as a tool
- Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form;
- Challenges of teaching language in a diverse classroom ; language difficulties, errors and disorders
- Language Skills
- Evaluating language comprehension and proficiency: speaking, listening, reading and writing
 - Teaching- learning materials: Textbook, multi-media materials, multi lingual resource of the classroom
 - Remedial Teaching