



Central Teacher Eligibility Test (CTET)

CENTRAL BOARD OF SECONDARY EDUCATION

(Complete Syllabus)

Paper II –Upper Primary Level

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Central Teacher's Eligibility Test or CTET Exam is compulsory for a person who aspires to become a teacher at elementary Level (VI to VIII).

STRUCTURE AND CONTENT OF CTET Paper II:

Question Type: Multiple Choice Questions (MCQs)

Marks: Each question carrying one mark.

Negative Marking: There will be no negative marking.

Duration of examination: Two and a half hours

Sr. No.	Subject	Questions	Marks
1	Child development & Pedagogy	30	30
2	(a) For Mathematics and Science Teacher (b) For Social Studies/ Social Science Teacher (c) For any other Teacher – Either a or b	60	60
4	Language - 1	30	30
5	Language - 2	30	30
	Total	150	150

Nature and standard of questions:

- The test items on Child Development and Pedagogy will focus on educational psychology of teaching and learning, relevant to the age group of 11-14 years. They will focus on understanding the characteristics, needs and psychology of diverse learners, interaction with learners and the attributes and qualities of a good facilitator of learning.
- The Test items in Language I will focus on the proficiencies related to the medium of instruction. The Test items in language II will focus on the elements of language, communication and comprehension abilities.
Language II will be a language other than Language I. A candidate may choose any one language as Language I and other as Language II from the available language options and will be required to specify the same in the Confirmation Page.
- The Test items in Mathematics and Science, and Social Studies/Social Science will focus on the concepts, problem solving abilities and pedagogical understanding of the subjects. The test items of Mathematics and Science will of 30 marks each. The test items will be evenly distributed over different divisions of the syllabus of that subject as prescribed for classes VI – VIII by the NCERT/ CBSE.
- The questions in the test for Paper II will be based on the topics prescribed in syllabus of the NCERT/CBSE for classes VI – VIII but their difficulty standard as well as linkages, could be up to the Senior Secondary stage.

1. 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.

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

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

C. 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

2. Mathematics and Science

- 60 Questions

I. Mathematics

- 30 Questions

- Content - 20 Questions
 - 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

II. Science

- 30 Questions

- 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/psychomotor/affective
 - Problems
 - Remedial Teaching

3. Social Studies / Social Science

-60 Questions

- Content - 60 Questions
 - History - 40 Questions
 - 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 Marginalized
- **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 of Primary & Secondary
 - Projects Work
 - Evaluation

4. Language I

-30 Questions

A. 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)

B. 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, multilingual resource of the classroom
- Remedial Teaching

5. Language II

-30 Questions

A. Comprehension

- 15 Questions

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

B. 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, multilingual resource of the classroom
- Remedial Teaching