

# Central Teacher Eligibility Test

The **Central Teacher Eligibility Test (CTET)** is conducted by the **Central Board of Secondary Education (CBSE)** for aspiring teachers who wish to teach in Central Government schools like **Kendriya Vidyalayas (KVs)**, **Navodaya Vidyalayas (NVS)**, and other schools under the **Ministry of Education**.

The CTET syllabus is designed to assess the candidate's knowledge of child development and pedagogy, language proficiency, subject knowledge, and teaching skills.

## CTET Syllabus Breakdown:

The CTET exam consists of **two papers**:

- **Paper I:** For candidates who want to teach **classes I to V** (Primary Stage).
- **Paper II:** For candidates who want to teach **classes VI to VIII** (Upper Primary Stage).

Each paper is of **150 marks** and consists of **multiple-choice questions (MCQs)**.

## Paper I: For Classes I to V (Primary Stage)

This paper assesses the ability to teach subjects related to the primary school curriculum. It consists of five sections:

### *1. Child Development and Pedagogy (30 Questions – 30 Marks)*

This section assesses the candidate's understanding of the **psychology of children**, **learning processes**, and **pedagogical approaches** relevant to primary school teaching.

Key topics:

- **Child Development:** Physical, cognitive, emotional, and moral development of children.
- **Understanding Learning:** Theories of learning, types of learning (e.g., active learning, experiential learning), cognitive development theories (Piaget, Vygotsky).
- **Inclusive Education:** Understanding and addressing the needs of children with disabilities, gifted children, and diverse learners.
- **Pedagogical Approaches:** Play-based learning, activity-based learning, child-centered teaching methodologies.
- **Motivation and Learning:** Various factors affecting student motivation and learning outcomes.

- **Assessment and Evaluation:** Methods of assessing children's progress and development.

## **2. Language I (Compulsory) (30 Questions – 30 Marks)**

Language I is typically the candidate's **first language** (which can be the regional language or Hindi/English, depending on the region). This section assesses the candidate's proficiency in reading comprehension, grammar, and writing skills.

Key topics:

- **Reading Comprehension:** Passage-based questions to test understanding, inference, and analytical skills.
- **Grammar:** Sentence structure, tenses, parts of speech, vocabulary, punctuation, etc.
- **Pedagogy of Language Development:** Teaching of languages, techniques to develop language skills (listening, speaking, reading, writing).
- **Vocabulary:** Contextual usage of words, synonyms, antonyms, and their meanings.
- **Correct Usage:** Error detection, sentence correction, and transformation.

## **3. Language II (Compulsory) (30 Questions – 30 Marks)**

Language II is the candidate's **second language**, typically different from the one used in Language I. This section is similar to Language I and evaluates proficiency in another language. Most often, **English** is chosen as Language II, but in some regions, a regional language is also allowed.

Key topics:

- **Reading Comprehension:** Understanding and analyzing passages.
- **Grammar and Usage:** Sentence correction, vocabulary, phrases, conjunctions, and other language constructs.
- **Pedagogical Approaches:** Approaches for teaching the second language, developing listening, speaking, reading, and writing skills.
- **Writing Skills:** Creative and formal writing tasks, including letter writing, descriptive writing, etc.

#### 4. Mathematics (30 Questions – 30 Marks)

This section evaluates the candidate's ability to teach **mathematics** at the primary school level, covering basic mathematical concepts.

Key topics:

- **Number System:** Natural numbers, whole numbers, integers, fractions, and decimals.  
**Basic Arithmetic Operations:** Addition, subtraction, multiplication, division, and their properties.
- **Geometry:** Shapes, patterns, symmetry, measurement of area, perimeter, volume, angles, and basic geometrical concepts.
- **Data Handling:** Interpretation of data, bar graphs, tables, pictorial representations, and simple data analysis.
- **Algebra:** Introduction to algebraic expressions, simple equations, and patterns.
- **Mathematical Pedagogy:** Teaching strategies for children to understand and develop mathematical concepts.

#### 5. Environmental Studies (30 Questions – 30 Marks)

This section evaluates the candidate's understanding of **environmental studies**, integrating science and social science concepts relevant to the primary curriculum.

Key topics:

- **Family and Friends:** Relationships, family structures, and friendships.
- **Work and Play:** The role of work, play, and games in a child's life.
- **The World Around Us:** Basic concepts of geography, ecology, and environmental conservation.
- **Diversity and Unity:** Understanding different cultures, communities, and environmental diversity.
- **Science:** Topics like plants, animals, and human body systems.
- **Social Science:** Concepts of time, history, geography, and culture as they pertain to children's lives.

### Paper II: For Classes VI to VIII (Upper Primary Stage)

Paper II assesses the knowledge required to teach students in the upper primary stage, focusing on subject-specific content. It consists of five sections:

### 1. Child Development and Pedagogy (30 Questions – 30 Marks)

This section is similar to Paper I, but with a focus on **cognitive, emotional, and social development** for the **upper primary level**.

Key topics:

- Theories of development, stages of adolescence.
- **Inclusive education** for children with special needs.

Understanding **learning disabilities** and addressing them in the classroom.

**Assessment techniques** at the upper primary stage.

### 2. Language I (Compulsory) (30 Questions – 30 Marks)

This is the same as in Paper I but may focus on a deeper understanding of the language at the **upper primary level**.

Key topics:

- Reading comprehension and textual analysis.
- Writing skills for upper primary learners, including **formal writing**, creative writing, and comprehension.
- **Grammar**: Sentence correction, vocabulary, and usage.

### 3. Language II (Compulsory) (30 Questions – 30 Marks)

As with Paper I, this section assesses proficiency in the **second language** at the upper primary level.

Key topics:

- **Reading comprehension** of a variety of texts.
- **Grammar**: Parts of speech, vocabulary, error correction, sentence formation.
- **Pedagogical techniques** for language development.

### 4. Mathematics and Science (60 Questions – 60 Marks)

Candidates can choose between **Mathematics** and **Science** or **Social Studies** based on the subjects they want to teach. This section tests the candidate's ability to teach **mathematics and science** at the upper primary level.

Key topics for **Mathematics**:

- **Numbers and Operations**: Real numbers, rational numbers, ratio, proportion, percentages, etc.

- **Algebra:** Introduction to algebraic expressions and simple equations.
- **Geometry:** Properties of shapes, angles, area, perimeter, volume, and symmetry.
- **Statistics and Probability:** Basic concepts of data handling, mean, median, mode, etc.

Key topics for **Science**:

- **Physics:** Light, sound, force, and energy.  
**Chemistry:** Matter, physical and chemical changes, acids and bases.
- **Biology:** Living organisms, plants, animals, and the human body.

## 5. Social Studies/Social Science (60 Questions – 60 Marks)

This section focuses on **History, Geography, and Civics** at the upper primary level.

Key topics:

- **History:** Early civilizations, ancient and medieval Indian history, freedom struggle, and historical personalities.
- **Geography:** Continents, countries, physical features, climate, and natural resources.

**Civics:** Indian Constitution, democracy, rights and duties, and political systems.