



**PARIKSHA PORTAL**  
*Career*

## 1. Introduction to JEE, NEET & CET Entrance Exams

After Class 10 and Class 12, students in India face highly competitive national and state-level entrance examinations to secure admission in **Engineering, Medical, and Professional Degree Courses**.

Among these, **JEE, NEET, and CET** are the most important gateway exams. These exams test:

- Conceptual clarity
- Application-based problem solving
- Speed, accuracy, and exam temperament

With **lakhs of students competing for limited seats**, systematic preparation and continuous testing become essential.

## 2. Why Are JEE, NEET & CET Exams Necessary?

- **Merit-based admissions** in top Engineering & Medical colleges
  - Evaluate **conceptual understanding**, not rote learning
  - Gateway to **MBBS, BDS, Engineering, Pharmacy, Architecture**
  - Transparent, standardized national & state-level assessment
  - Selection for **IITs, NITs, AIIMS, GMCs, and reputed colleges**
- Without cracking these exams, even high board marks may not ensure admission to premium institutions.

## 3. How to Prepare for JEE, NEET & CET Exams?

Successful students follow a **structured, long-term strategy**:

### Step-by-Step Preparation Approach

#### 1. Strong NCERT Foundation

(Class 11 & 12)

#### 2. Concept-wise Study

(Physics, Chemistry, Maths/Biology)

#### 3. Daily Practice Questions

#### 4. Chapter-wise Tests

#### 5. Full Syllabus Mock Tests

#### 6. Performance Analysis & Revision

#### 7. Time-bound Exam Practice

A reliable digital platform with notes, question banks, and tests is crucial – this is where **Pariksha Portal** plays a key role.

ALL INDIA ENTRANCE  
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## 4. JEE (Joint Entrance Examination) About JEE Exam

JEE is conducted for admission into:

- IITs (via JEE Advanced)
- NITs, IIITs, GFTIs (via JEE Main)

### Career Path

Engineering (B.Tech / B.E.) in:

- Computer Science
- Mechanical
- Civil
- Electrical
- Electronics
- AI & Data Science

### JEE Eligibility Criteria

#### Age Limit

- No specific upper age limit (subject to exam authority rules of the year)

### Educational Qualification

- Appeared / Passed **Class 12** with:  
1) Physics                      2) Chemistry                      3) Mathematics

### JEE Syllabus Structure

Subject	Chapters
Physics	Units & Measurements, Kinematics, Laws of Motion, Work Energy & Power, Centre of Mass & Rotational Motion, Gravitation, Properties of Solids & Liquids, Thermodynamics, Kinetic Theory of Gases, Oscillations & Waves, Electrostatics, Current Electricity, Capacitors, Magnetic Effects of Current, Magnetism & Matter, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics, Wave Optics, Dual Nature of Radiation, Atoms, Nuclei, Semiconductor Electronics, Communication Systems
Chemistry	Some Basic Concepts of Chemistry, Atomic Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, s-Block Elements, p-Block Elements, Chemical Bonding, Coordination Compounds, d & f Block Elements, Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, Basic Organic Chemistry, Hydrocarbons, Haloalkanes & Haloarenes, Alcohols Phenols & Ethers, Aldehydes Ketones & Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday Life
Math	Sets Relations & Functions, Trigonometric Functions, Complex Numbers, Quadratic Equations, Sequences & Series, Permutations & Combinations, Binomial Theorem, Matrices, Determinants, Straight Lines, Circles, Conic Sections, Limits Continuity & Differentiability, Applications of Derivatives, Integrals, Differential Equations, Vectors, 3D Geometry, Statistics, Probability, Mathematical Reasoning

## 5. NEET (National Eligibility cum Entrance Test)

### About NEET Exam

NEET is the **single national entrance exam** for:

- MBBS
- AYUSH
- BDS
- Veterinary courses

### Career Path

- Doctor(MBBS)
- Medical Research
- Dentist(BDS)
- Healthcare Services

### NEET Eligibility Criteria

#### Age Limit

- Minimum: **17 years**
- Upper age limit: As per government norms

### Educational Qualification

- Passed / Appearing **Class 12** with:  
1) Physics      2) Chemistry      3) Biology(Botany & Zoology)

### NEET Syllabus Structure

Subject	Chapters
<b>Physics</b>	Units & Measurements, Kinematics, Laws of Motion, Work Energy & Power, Centre of Mass & Rotational Motion, Gravitation, Properties of Solids & Liquids, Thermodynamics, Kinetic Theory of Gases, Oscillations & Waves, Electrostatics, Current Electricity, Capacitors, Magnetic Effects of Current, Magnetism & Matter, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics, Wave Optics, Dual Nature of Radiation, Atoms, Nuclei, Semiconductor Electronics, Communication Systems
<b>Chemistry</b>	Some Basic Concepts of Chemistry, Atomic Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, s-Block Elements, p-Block Elements, Chemical Bonding, Coordination Compounds, d & f Block Elements, Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, Basic Organic Chemistry, Hydrocarbons, Haloalkanes & Haloarenes, Alcohols Phenols & Ethers, Aldehydes Ketones & Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday Life
<b>Biology</b>	Diversity in Living World, Structural Organisation in Animals & Plants, Cell Structure & Function, Plant Physiology, Human Physiology, Reproduction, Genetics & Evolution, Biology & Human Welfare, Biotechnology & Its Applications, Ecology & Environment

## 6. CET (Common Entrance Test – State Level)

### About CET Exam

CET is conducted by state authorities (e.g., Maharashtra CET) for admission into:

- Engineering
- Pharmacy
- Agriculture
- Allied professional courses

### CET Eligibility Criteria

#### Age Limit

- As per respective state CET authority rules

### Educational Qualification

- Passed / Appearing **Class 12** with:
  - 1) Physics
  - 2) Chemistry
  - 3) Mathematics / Biology (as applicable)

### CET Syllabus Structure

Subject	Chapters
<b>Physics</b>	Units & Measurements, Motion in a Plane, Laws of Motion, Work Energy & Power, Centre of Mass & Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids, Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations & Waves, Electrostatics, Current Electricity, Magnetic Effects of Current, Magnetism & Matter, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics, Wave Optics, Dual Nature of Radiation, Atoms & Nuclei, Semiconductor Electronics
<b>Chemistry</b>	States of Matter, Atomic Structure, Chemical Thermodynamics, Equilibrium, Redox Reactions, Periodic Table, Chemical Bonding, Hydrogen, s-Block Elements, Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, p-Block Elements, d & f Block Elements, Coordination Compounds, Basic Organic Chemistry, Hydrocarbons, Haloalkanes & Haloarenes, Alcohols Phenols & Ethers, Aldehydes Ketones & Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday Life
<b>Math</b>	Sets & Relations, Trigonometric Functions, Straight Lines, Circles, Permutations & Combinations, Binomial Theorem, Sequences & Series, Limits, Continuity, Differentiation, Applications of Derivatives, Integration, Differential Equations, Matrices, Determinants, Vectors, 3D Geometry, Linear Programming, Statistics, Probability
<b>Biology (Medical CET)</b>	Cell Structure & Function, Plant Tissues, Animal Tissues, Plant Physiology, Human Physiology, Reproduction in Organisms, Genetics & Evolution, Biotechnology, Biology in Human Welfare, Ecology & Environment

## 7. Exam Dates (JEE, NEET, CET)

Exam	Registration Start	Registration End	Exam Date	Result Date
MHT CET 2026	Dec 2025	Feb15/28, 2026	Apr-May 2026	June 2026
NEET UG 2026	Feb 2026	Mar 2026	3 May 2026	June 2026
JEE Main 2026 Session 1	Oct 31 2025	Nov 27 2025	21-30 Jan 2026 <sup>1</sup>	Feb 2026 (approx)
JEE Main 2026 Session 2	Jan 2026 (late)	Feb 2026	10 Apr 2026	May 2026 (approx)
JEE Advanced 2026	Apr-May 2026	May 2026	17 May 2026	June 2026

## 8. About Pariksha Portal

**Pariksha Portal** is a **complete digital exam-preparation ecosystem** designed for **school students and competitive exam aspirants**.

### What Pariksha Portal Provides

- 1) Subject-wise Notes
- 2) Chapter-wise Detailed Notes
- 3) Subject-wise Question Bank
- 4) Chapter-wise MCQs & Practice Sets
- 5) Previous Year Questions
- 6) Mock Tests & Test Series
- 7) Performance Analytics & Reports
- 8) Mobile + Web Access



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# PARIKSHA PORTAL APP

**Smart Study... Sure Success...**

## 9. How Pariksha Portal Helps Students Crack JEE, NEET & CET

### Smart Preparation Model

- 1) **Concept First:** Learn from chapter-wise notes
- 2) **Practice More:** Solve unlimited chapter-wise questions
- 3) **Exam Simulation:** Real-time mock tests
- 4) **Analysis Driven:** Identify weak areas instantly
- 5) **Continuous Revision:** Auto-generated practice sets
- 6) **Targeted Improvement:** Subject & chapter-level insights

### Result

- 1) Better accuracy
- 2) Strong fundamentals
- 3) Improved speed
- 4) Higher exam confidence

**With consistent use of Pariksha Portal, any focused student can confidently crack JEE, NEET, or CET.**

### Final Note

**Success in competitive exams is not about studying more, it is about studying smart.**

Pariksha Portal ensures **structured learning, regular testing, and continuous improvement**, making it the ideal companion for every JEE, NEET, and CET aspirant.

**REGISTER HERE**

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INSTALL APP**





# PARIKSHA PORTAL

Smart Study... Sure Success...



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