

# UBTER JEEP 2025 Syllabus

**UBTER JEEP Syllabus 2025** is prescribed by the Uttarakhand Board of Technical Education. The syllabus of UBTER 2025 includes two sections Mathematics and Science. The Science section further consists of Physics and Chemistry. The UBTER JEEP 2025 syllabus includes topics that are similar to the class 10 board syllabus. The exam syllabus covers both the fundamental and advanced ideas of the disciplines or sections from which the questions will be asked in the [UBTER JEEP 2025](#). Candidates should refer to the official **Uttarakhand JEEP syllabus** to study for the exam. The syllabus for each programme is different from the others. The candidates must be very careful while noting down the syllabus for the Uttarakhand JEEP 2025 exam due to the multiple programmes that are available.

**Direct Link to Fill [Uttarakhand JEEP 2025 Application Form](#) (Active)**

The applicants must study the syllabus in detail for proper preparation of the exam. Reading the syllabus and covering all the important aspects of the syllabus is important for the applicants to score well in the exam. Along with that, candidates should analyze the latest UBTER JEEP exam pattern 2025 to get an idea about subject-wise weightage, marking scheme, exam mode, etc. The Uttarakhand JEEP exam 2025 will be conducted for admission into various polytechnic programs which are offered by the diploma/polytechnic colleges in the state of Uttarakhand. Check out the detailed and latest Uttarakhand JEEP 2025 syllabus and its other components from the section below.

## Detailed Course Wise Syllabus for Uttarakhand JEEP 2025 Exam

The detailed Uttarakhand JEEP 2025 course-wise syllabus is provided below -

### **Uttarakhand JEEP 2025 Diploma Engineering/Technology Syllabus**

The Uttarakhand JEEP 2025 Diploma Engineering/Technology syllabus comprises topics from the class 10 Science and Mathematics subjects. The Science section comprises topics from Physics and Chemistry subjects.

### **Uttarakhand JEEP 2025 Diploma in Pharmacy Syllabus**

The diploma in Pharmacy syllabus contains topics from Physics, Chemistry, Mathematics, and Biology subjects from the 12 class. Candidates have to either choose Biology or Mathematics as the third subject.

## **Uttarakhand JEEP 2025 Diploma in Hotel Management and Catering Technology Syllabus**

According to the syllabus of diploma in hotel management and catering technology, questions will be asked in general language, English language, scientific aptitude, numerical ability, and reasoning & logical discussion.

## **Uttarakhand JEEP 2025 Modern Office Management and Secretarial Practice Syllabus**

Also known as Group M, the syllabus contains topics from general awareness, numerical ability, reasoning & intelligence, and English & Hindi comprehension.

## **Uttarakhand JEEP 2025 PGD in Computer Applications Syllabus**

The syllabus for the PGD in computer applications of Uttarakhand JEEP 2025 contains topics from general awareness, general intelligence, reasoning, numerical ability, and English comprehension.

## **Uttarakhand JEEP 2025 Diploma Engineering (Lateral Entry) Syllabus**

Topics from subjects like general engineering, chemistry, mathematics, and physics will form the syllabus for Uttarakhand JEEP 2025 Diploma Engineering (Lateral Entry).

# **Detailed Subject Wise Syllabus for Uttarakhand JEEP 2025**

This section will contain the list of all those topics from the subjects which form the syllabus for the Uttarakhand JEEP 2025 exam -

<b>Subject Name</b>	<b>Topics</b>
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**General  
Awareness**

- Cultures
- Artists
- Countries and Capitals
- Tourism
- Famous Places in India
- Rivers, Lakes and Seas
- Current Affairs
- General Science
- Indian Economy
- Indian Politics
- Famous Books and Authors
- Famous Days and Dates
- Indian Parliament
- Indian History
- Sports
- Inventions and Discoveries

**General  
Knowledge**

- Environment
- Zoology
- Geography
- Chemistry
- Indian Parliament
- Famous Books and Authors
- Famous Days and Dates
- Botany
- Indian Economy
- Indian History
- Physics
- Basic Computer
- Indian Culture
- Indian Politics
- Inventions in the World
- Basic GK
- Sports
- History, Culture, Traditions and Festivals

## **English**

- Error Correction
- Fill in the Blanks
- Joining Sentences
- Spelling Test
- Para Completion
- Sentence Improvement
- Idioms and Phrases
- Sentence Arrangement
- Passage Completion
- Spotting Errors
- Active and Passive Voice
- Transformation
- Prepositions
- Sentence Completion
- Antonyms
- Synonyms
- Substitution

## **Reasoning**

- Analytical Reasoning
- Data Interpretation
- Non-Verbal Reasoning
- Data Sufficiency
- Logical Reasoning
- Verbal Reasoning
- Puzzles

## **Aptitude**

- Simplification and Approximation
- Permutation and Combinations
- Percentages
- Mensuration
- Indices and Surds
- Quadratic Equations
- Simple Equations
- Boats and Streams
- Mixture and Allegations
- Races and Games
- Profit and Loss
- Volumes
- Compound Interest
- Problems on Numbers
- Problems on L.C.M and H.C.F
- Averages
- Probability
- Simple Interest
- Ratio and Proportion
- Time and Work Partnership
- Pipes and Cisterns
- Numbers and Ages
- Odd Man Out
- Problems on Trains
- Time and Distance
- Areas

## **Biology**

- Biotechnology and Ecology
- Human Physiology
- Biology in Human Welfare
- Plant Physiology
- Genetics and Evolution
- Cell Structure and Function
- Reproduction
- Diversity in the Living World

- Inverse Trigonometric Functions
- Relations and Functions
- Probability
- Statistics
- Definition of proposition and problems, Logical connectives, compound proposition, problems, Quantifiers, negation, consequences of implication-contrapositive and converse, problems, proving a statement by the method of contradiction by giving the counterexample
- Probability
- 3-D Geometry
- Vectors
- Differential Equations
- Applications of the Integrals
- Integrals
- Application of Derivatives
- Continuity and Differentiability
- Determinants
- Matrices
- Limits and Derivatives
- Straight Lines
- Permutation and Combinations
- Linear Inequalities
- Complex Number and Quadratic Equations
- Principle of Mathematical Induction
- Introduction to 3-D Geometry
- Conic Section
- Sequence and Series
- Binomial Theorem

**Mathematics**

## **Chemistry**

- Equilibrium
- Thermodynamics
- States of Matter - Gases and Liquids
- Chemical Bonding and Molecular Structure
- Classification of Elements and Periodicity in Properties
- Structure of Atom
- Some Basic Concepts of Chemistry
- Environmental Chemistry
- Hydrocarbons
- Organic Chemistry - Some Basic Principles and Techniques
- Some p-Block Elements
- s-Block Elements
- Hydrogen
- Redox Reactions

## **Physics**

- Laws of Motion
- Kinematics
- Physical World and Measurement
- Oscillations and Waves
- Behaviour of Perfect Gas and Kinetic Theory of Gases
- Thermodynamics
- Practical Oriented Questions
- Motion of System of Particles and Rigid Body
- Work, Energy and Power
- Properties of Bulk Matter
- Gravitation

# **UBTER JEEP 2025 Syllabus PDF**

The UBPTER JEE syllabus is important for the preparation and candidates must download the UBTER JEEP Syllabus 2025 PDF. The UBTER JEE syllabuspdf link has been provided in the table below:

**[Download UBTER JEEP 2025 Syllabus PDF](#)**