COMMON UNIVERSITY ENTRANCE TEST (UG) SYLLABUS

Conducted by: National Testing Agency (NTA)
Exam Mode: Computer-Based Test (CBT)
Total Subjects: 37 (13 Languages + 23 Domain Subjects + 1 General Test)
Maximum Subjects to Choose: 5 (Combination of any sections)
Duration per Subject: 60 minutes
Total Questions per Subject: 50 MCQs
Marking Scheme: +5 marks (correct), -1 mark (incorrect), 0 (unanswered)
Basis: NCERT Class 12 Curriculum

SECTION I: LANGUAGE PAPERS

Overview

Section I contains 13 languages that test reading comprehension, vocabulary, and language proficiency.

Languages Offered

1. Assamese
2. Bengali
3. English
4. Gujarati
5. Hindi
6. Kannada
7. Malayalam
8. Marathi
9. Punjabi
10. Odia
11. Tamil
12. Telugu
13. Urdu

Language Syllabus

Reading Comprehension

- **Factual Passages:** Understanding factual information, main ideas, supporting details
- **Literary and Narrative Passages:** Comprehension of literary texts, character analysis, narrative understanding
- **Literary Aptitude and Vocabulary:** Literary devices, idioms, phrasal verbs, synonyms, antonyms, contextual meaning

Key Topics

- Sentence completion and paraphrasing
- Inference and deduction from passages
- Vocabulary usage in context
- Understanding tone and style
- Critical analysis of passages
- Grammar and linguistic elements

SECTION II: DOMAIN SUBJECTS

Overview

Domain subjects are subject-specific papers based on Class 12 NCERT syllabus. Students can select up to 3 domain subjects.

Science Stream Subjects (PCM/PCB)

1. **Physics**
   - Mechanics, Thermodynamics, Electromagnetism, Optics, Modern Physics
   - Wave Motion, Oscillations, Relativity, Quantum Mechanics basics
2. **Chemistry**
   - Inorganic Chemistry, Organic Chemistry, Physical Chemistry
   - Atomic Structure, Chemical Bonding, States of Matter, Chemical Kinetics
3. **Mathematics / Applied Mathematics**
   - Algebra, Calculus, Trigonometry, Coordinate Geometry
   - Vectors, Statistics, Probability, Linear Programming
4. **Biology**
   - Botany, Zoology, Microbiology, Genetics
   - Cell Biology, Ecology, Physiology, Evolution

Commerce Stream Subjects

5. **Accountancy** - Financial Accounting, Corporate Accounting, Accounting Standards
6. **Business Studies** - Business Organization, Management, Entrepreneurship
7. **Economics** - Microeconomics, Macroeconomics, Indian Economy
8. **Informatics Practices** - Database Management, Programming, Cybersecurity

Humanities/Social Sciences Subjects

9. **History**
   - Ancient History, Medieval History, Modern History
   - World History, Indian Culture and Heritage
10. **Political Science**
    - Indian Constitution, Political Theory, International Relations
    - Democratic Process, Rights and Duties
11. **Sociology**
    - Society, Culture, Social Change, Sociological Methods
    - Institutions, Social Problems
12. **Psychology**
    - Human Behavior, Cognition, Personality, Social Psychology
    - Mental Health, Development Psychology

13. **Geography**
    - Physical Geography, Human Geography, Cartography
    - Climate, Ecosystems, Economic Geography
14. **Geology** - Mineralogy, Petrology, Stratigraphy, Economic Geology
15. **Home Science**
    - Human Development, Nutrition, Family Studies
    - Health Management, Consumer Science

Specialized Domain Subjects

16. **Knowledge Tradition and Practices in India**
    - Indian Knowledge Systems, Philosophy, Traditional Arts
17. **Mass Media / Mass Communication**
    - Media Theory, Journalism, Digital Media
    - Communication Processes, Media Ethics
18. **Computer Science**
    - Programming, Data Structures, DBMS
    - Networking, Web Development, AI basics
19. **Environmental Science**
    - Ecology, Conservation, Environmental Pollution
    - Climate Change, Sustainable Development
20. **Physical Education**
    - Sports Physiology, Training Methods, Health
    - Physical Fitness, Game Rules, Sports Ethics
21. **Fine Arts** (Painting, Sculpture, Music, Dance, Drama)
    - Art History, Techniques, Creative Practices
    - Cultural Contexts, Performance Arts
22. **Performing Arts**
    - Music, Dance, Drama, Theater
    - Classical and Contemporary Forms
23. **Law / Legal Studies**
    - Fundamental Rights, Constitutional Law
    - Criminal and Civil Law basics

Subject Selection Guide

For Engineering Aspirants: Physics, Chemistry, Mathematics
For Medical Aspirants: Physics, Chemistry, Biology
For Commerce: Accountancy, Business Studies, Economics
For Humanities: History, Political Science, Geography

SECTION III: GENERAL APTITUDE TEST (GAT)

Overview

The General Test assesses reasoning, quantitative skills, and general knowledge. All candidates must attempt this section. It comprises 50 MCQs to be completed in 60 minutes.

General Knowledge and Current Affairs (12-19 Questions)

Topics Include:

- **Geography:** Capitals, borders, geographical features, climate zones
- **Current Affairs:** National and international news, government schemes, recent developments
- **Indian History:** Ancient, Medieval, Modern periods, Important events, Freedom Struggle
- **Constitution and Polity:** Fundamental Rights, Judiciary, Parliament, Government structure
- **Economics:** Basic economic concepts, GDP, inflation, markets
- **Culture:** Heritage sites, festivals, arts, literature
- **Science:** Discoveries, inventions, space exploration
- **Awards and Recognition:** Nobel Prize, Padma Awards, Literary prizes
- **Books and Authors:** Recent publications, important works
- **Personalities:** National and International figures in various fields

General Mental Ability (Variable Questions)

Subtopics:

- **Analogies:** Finding relationships between word pairs
- **Series:** Number series, alphabetical series, pattern recognition
- **Coding-Decoding:** Patterns in codes, logical sequences
- **Puzzles:** Logic puzzles, visual puzzles, reasoning challenges
- **Blood Relations:** Family tree problems, relationship deduction
- **Direction and Distance:** Maps, directions, spatial reasoning

Numerical Ability and Quantitative Reasoning (8-15 Questions)

Core Topics:

- **Number System:** Natural, Whole, Integer, Rational, Real numbers
- **Percentages:** Percentage change, profit-loss percentages
- **Ratio and Proportion:** Direct and inverse proportions, averages
- **Profit and Loss:** Cost price, selling price, profit percentage
- **Time and Work:** Work rates, completion time calculations
- **Simple and Compound Interest:** Interest calculations, maturity amounts
- **Mensuration:** Area and volume of 2D and 3D shapes
- **Statistics:** Mean, Median, Mode, Standard Deviation
- **Data Interpretation:** Charts, graphs, tables analysis
- **Algebra:** Linear equations, quadratic equations

Logical and Analytical Reasoning (11-16 Questions)

Topics Include:

- **Syllogisms:** Logical conclusions from premises
- **Assumptions:** Identifying assumptions in statements
- **Conclusions:** Drawing valid conclusions from given data
- **Seating Arrangements:** Linear and circular arrangements
- **Data Sufficiency:** Determining if given data is sufficient

- **Analogical Reasoning:** Finding patterns and relationships
- **Critical Reasoning:** Evaluating arguments and evidence
- **Logical Deduction:** Step-by-step logical reasoning
- **Pattern Recognition:** Finding missing elements in sequences

General Science and Environment Literacy (Variable)

Topics:

- **Basic Physics:** Motion, Forces, Energy, Waves (Class 8 level)
- **Basic Chemistry:** Atoms, Elements, Chemical Reactions (Class 8 level)
- **Basic Biology:** Life processes, Ecosystems, Evolution (Class 8 level)
- **Environmental Science:** Climate change, Pollution types, Conservation
- **Renewable Energy:** Solar, Wind, Hydro energy sources
- **Environmental Policies:** National and international environmental initiatives
- **Sustainable Development:** Eco-friendly practices, Green technologies

EXAM PATTERN SUMMARY

Aspect	Details
Exam Mode	Computer-Based Test (CBT) / Online
Total Duration	2-3 hours (depending on subject selection)
Question Type	Multiple Choice Questions (MCQs)
Questions per Subject	50
Language of Exam	English and Regional Languages (as per language chosen)
Negative Marking	-1 mark per incorrect answer
Correct Answer	+5 marks
Unanswered	0 marks
Total Marks (per subject)	250 marks
Difficulty Level	Class 12 NCERT based

PREPARATION STRATEGY

1. Language Section

- Focus on NCERT English textbooks
- Practice reading comprehension passages
- Build vocabulary through word lists
- Study grammar and language rules
- Attempt multiple practice tests

2. Domain Subjects

- Study NCERT Class 12 textbooks thoroughly
- Refer to subject-specific study materials
- Practice numerical problems (for Science/Maths)
- Create concept maps and notes
- Solve previous year papers
- Use coaching materials for in-depth understanding

3. General Aptitude Test

- Practice quantitative aptitude daily
- Solve reasoning puzzles and problems
- Stay updated with current affairs
- Follow newspapers and news websites
- Read about recent discoveries and inventions
- Practice data interpretation
- Attempt mock tests regularly

4. Overall Tips

- Create a study schedule balancing all sections
- Take regular mock tests
- Identify weak areas and focus on them
- Revise important formulas and concepts
- Practice time management during exams
- Get adequate sleep and maintain health
- Stay positive and consistent

IMPORTANT RESOURCES

- **Official Website:** cuet.nta.nic.in
- **NCERT Books:** Available for all subjects (Class 11-12)
- **Previous Year Papers:** Available on official website
- **Mock Tests:** Available on NTA portal and coaching websites
- **Study Materials:** Various online platforms and coaching institutes
- **Current Affairs:** Newspapers, News channels, News portals

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SUBJECT CODES (QUICK REFERENCE)

Subject	Code	Subject	Code
English	101	Physics	301
Hindi	102	Chemistry	302
Assamese	103	Mathematics	305
Bengali	104	Botany	306
Gujarati	105	Zoology	307
Kannada	106	Accountancy	310
Malayalam	107	Business Studies	311
Marathi	108	Economics	312
Punjabi	109	Geography	313
Odia	110	History	314
Tamil	111	Home Science	316
Telugu	112	Mass Communication	318
Urdu	113	Computer Science	349

ELIGIBILITY CRITERIA

- **Educational Qualification:** Passed or appearing in Class 12 (or equivalent)
- **Age Limit:** No age limit
- **Nationality:** Indian or Foreign nationals
- **Number of Attempts:** No restriction on number of attempts

USEFUL TIPS FOR SUCCESS

1. **Understand the syllabus** thoroughly before starting preparation
2. **Balance preparation** across all three sections
3. **Practice time management** - Allocate specific time for each section
4. **Take diagnostic tests** to identify strengths and weaknesses
5. **Focus on accuracy** rather than speed initially
6. **Use multiple resources** - Books, online courses, coaching materials
7. **Keep updating current affairs** - Read daily news
8. **Join online communities** - Share doubts and solutions
9. **Maintain consistency** - Study regularly without long breaks
10. **Mock test strategy** - Attempt full-length tests weekly

Note: This syllabus is based on the official CUET (UG) 2025-2026 guidelines released by the National Testing Agency. Candidates are advised to check the official NTA website for any updates or changes to the syllabus.