

NCHMCT JEE

Subject-Wise Syllabus Guide 2026

National Council for Hotel Management & Catering Technology
Joint Entrance Examination — B.Sc. Hospitality & Hotel Administration

The NCHMCT JEE syllabus is spread across **five sections** — Numerical Ability & Analytical Aptitude, Reasoning & Logical Deduction, General Knowledge & Current Affairs, English Language, and Aptitude for Service Sector. This guide breaks down each section subject-wise with the exact topics to prepare, along with the exam pattern, weightage, and recommended books to help structure an effective study plan.

Exam Pattern at a Glance

Conducting Body	National Testing Agency (NTA), on behalf of NCHMCT
Mode of Exam	Computer-Based Test (CBT), Online
Medium	English & Hindi (except the English Language section)
Total Duration	3 Hours (180 minutes)
Question Type	Multiple Choice Questions (MCQs)
Total Questions / Marks	200 Questions / 800 Marks
Marking Scheme	+4 for correct, -1 for incorrect, 0 for unattempted

Section-Wise Weightage

Section	No. of Questions	Max. Marks	Weightage
Numerical Ability & Analytical Aptitude	30	120	15%
Reasoning & Logical Deduction	30	120	15%
General Knowledge & Current Affairs	30	120	15%
English Language	60	240	30%
Aptitude for Service Sector	50	200	25%
Total	200	800	100%

English Language (30%) and Aptitude for Service Sector (25%) together account for more than half the total marks — prioritize these two sections in your study plan.

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01	Numerical Ability & Analytical Aptitude
02	Reasoning & Logical Deduction
03	General Knowledge & Current Affairs
04	English Language
05	Aptitude for Service Sector

Plus: Recommended Books (Subject-Wise)

01 Numerical Ability & Analytical Aptitude

Tests mathematical and analytical skills, largely based on Class 10 level concepts. Speed and accuracy with basic arithmetic operations are key.

Key Topics to Cover

- Number Systems & H.C.F./L.C.M.
- Fractions and Decimals
- Simplification
- Ratio and Proportion
- Chain Rule
- Percentage
- Profit and Loss
- Simple Interest & Compound Interest
- Average
- Age-related Problems
- Time and Distance
- Time and Work / Work and Wages
- Speed
- Square Roots and Cube Roots
- Logarithms
- Variation
- Areas and Volumes
- Unitary Method
- Clocks and Calendar
- Elementary Mathematics (Class 10 level)

Prep Tip: Focus on Class 10th mathematics fundamentals and practice Vedic Maths techniques to improve speed and accuracy under time pressure.

02 Reasoning & Logical Deduction

Evaluates a candidate's logical thinking, pattern recognition, and problem-solving ability. Concept-based and scoring with regular practice.

Key Topics to Cover

- Statement — Conclusions
- Statement — Arguments
- Statement — Assumptions
- Statement — Course of Action
- Syllogism
- Blood Relations
- Series (Number & Alphabet)
- Coding and Decoding
- Direction and Distance Sense
- Alphabet Test
- Analytical Reasoning
- Symmetry
- Complex Arrangement
- Linear Arrangement / Seating Arrangement
- Visual Ability
- Symbols and Notations
- Data Interpretation

Prep Tip: Practice puzzles, seating arrangements, and series questions daily — recognizing the pattern in one question often unlocks similar ones quickly.

03 General Knowledge & Current Affairs

Assesses awareness of national and international events, static GK, and India's culture and tourism — requires consistent daily reading.

Key Topics to Cover

- Current Events — Persons, Places & Awards
- Sports
- Economy
- Science and Technology
- Books and Authors
- Famous Personalities
- Prizes and Awards
- World Organisations
- Inventions and Discoveries
- Natural Calamities / Disasters
- Statistical Data of the World
- Solar System and Earth
- Languages
- Currencies
- Music, Dances & Fashion Events
- Animals

Prep Tip: Read at least 2–3 newspapers daily and revise a current affairs digest weekly (e.g., *Manorama Yearbook*, *Pratiyogita Darpan*).

04 English Language

The highest-weightage section (30%). Tests grammar, vocabulary, and comprehension — generally the most scoring part of the exam.

Key Topics to Cover

- Reading Comprehension
- Sentence Formation & Reconstruction
- Sentence Completion
- Sentence Improvement
- Fill in the Blanks
- Paragraph Formation & Completion
- Rearrangement of Sentences in a Paragraph
- Rearrangement of Words in a Sentence
- Synonyms and Antonyms
- Analogies
- Idioms and Phrases
- One Word Substitution
- Spelling Mistakes / Error Spotting
- Vocabulary Usage
- General English Proficiency

Prep Tip: Learn 5 new words with synonyms/antonyms daily, and read newspaper editorials regularly to strengthen comprehension and usage.

05 Aptitude for Service Sector

Evaluates practical aptitude for hospitality and hotel management — situational judgement, service orientation, and industry awareness.

Key Topics to Cover

- Situational Judgement (Guest Handling & Complaints)
- Service Orientation & Customer Satisfaction
- Hygiene and Etiquette Awareness
- Prioritizing Tasks in Service Scenarios
- Basic Hospitality & Tourism Industry Awareness
- Communication and Presence of Mind
- Team Coordination in Service Situations

Prep Tip: This section carries 25% weightage — attempt NCHMCT mock tests and sample papers regularly to get familiar with situational question formats.

Recommended Books — Subject-Wise

Section	Recommended Books	Author / Publication
English Language	Objective General English	S.P. Bakshi
	High School English Grammar & Composition	Wren & Martin
Numerical Ability & Aptitude	Quantitative Aptitude	R.S. Aggarwal
	30 Day's Wonder Math	S. Chand
Reasoning & Logical Deduction	Verbal & Non-Verbal Reasoning	R.S. Aggarwal
	501 Challenging Logical Reasoning Practice Book	—
General Knowledge & Current Affairs	Lucent's General Knowledge	Vinay Karana
	Manorama Yearbook	K.M. Mathew & M. Mathew
	Pratiyogita Darpan	Upkar Prakashan
Aptitude for Service Sector	Hotel Management Entrance Exam Guide	R Gupta / Arihant Experts

Tip: Studying 3–4 trusted reference books deeply is more effective than skimming many resources. Pair book study with full-length mock tests and previous year papers.

Note: The NCHM JEE syllabus is not officially fragmented into a formal document by NTA/NCHMCT; the topics above are compiled based on previous years' question paper analysis and the official exam brochure. Always cross-check the latest official notification at exams.nta.ac.in/NCHM before finalizing your preparation.