

# NCHMCT JEE 2024 Syllabus

## NCHMCT JEE 2024 Syllabus: Numerical Ability and Analytical Aptitude

The NCHMCT JEE syllabus for Numerical Ability and Analytical Aptitude is mentioned below:

- Elementary Mathematics
- Arithmetic (Number Theory)
- Number Systems
- Square Roots
- Cube Roots
- Fractions and Decimals
- HCF and LCM
- Simplification
- Variation
- Chain Rule
- Ratio and Proportion
- Average
- Logarithms
- Simple Interest
- Compound Interest
- Percentage calculation
- Profit and Loss
- Calculate areas and volumes
- Unitary Method Questions
- Age Questions
- Clocks & Calendar related questions
- Speed (of cars, trains, etc) related questions
- Time and Distance related questions
- Work and Wage related questions

## NCHMCT JEE 2024 Syllabus for General Knowledge

General awareness on different and popular:

- Books and authors
- Famous personalities
- Currencies
- Animals
- Inventions and discoveries
- Languages
- Music
- Dances
- World organisations
- Disasters

- Statistical data of the World
- Prizes and awards
- Fashion Events
- Solar System
- Earth
- Natural calamities
- Sports

## **NCHMCT JEE 2024 Syllabus for Reasoning and Logical Deductions**

The following main topics are included in the Reasoning and Logical Deductions syllabus for the NCHMCT JEE:

- Analytical Reasoning
- Direction and Distance related questions
- Linear Arrangement
- Complex Arrangement
- Coding and Decoding
- Series
- Blood relations related questions
- Symbols and notations
- Alphabet Test
- Data interpretation
- Syllogism
- Statements assumptions
- Statements arguments
- Statements conclusions
- Statements action
- Problems based on Symmetry
- Problems based on Visual Ability

## **NCHMCT JEE 2024 Syllabus for English**

The English section of the NCHMCT JEE syllabus covers the following topics:

- Vocabulary
- Synonyms
- Antonyms
- Analogies
- Spelling mistakes
- English proficiency
- Idioms and phrases
- One word substitution

- Sentence formation
- Sentence completion
- Sentence improvement
- Sentence Reconstruction
- Rearrangement of words in a sentence
- Rearrangement of the sentence in paragraph
- Paragraph formation
- Paragraph completion
- Fill in the blanks