Cocubes

Cocubes Exam Pattern

Module	Sections	Maximum Questions	Duration
Aptitude Test	English usage	15	45 minutes
	Analytical Reasoning	15	
	Numerical Reasoning	15	
Psychometric Test	-	50	12 minutes
Computer Fundamental Test	-	15	15 minutes
Domain Test	Civil	20	20 minutes
	Electrical	20	
	Mechanical	20	
	Electronics	20	
	Computer Science	20	
	Chemical	20	
Coding Test	-	3	45 minutes
WET Test	-	1	25 minutes

Latest Cocubes Syllabus

Aptitude Test

Analytical Reasoning

- Visual Reasoning
- Statement & Conclusions
- Relationships
- Data sufficiency
- Logical Reasoning
- Attention to Details
- Flowcharts
- Coding-decoding
- Series
- Odd one out Analogies.

Numerical Reasoning

- Time & Work
- Speed & Distance
- Algebra
- Equations
- Progressions
- Profit & Loss
- Ratios
- Averages
- Geometry
- Data Interpretation

English Usage

- Reading Comprehension
- Grammar including Articles
- Prepositions
- Sentence Correction
- Speech
- Tenses
- Verbal Ability including Synonyms and Antonym
- Spellings

- Idioms and Phrases

Computer Fundamental Test

- Pseudocode
- Email and Email Applications
- Computer Applications
- Basic DataBase Awareness
- Computer Hardware and Software
- IT Literacy

Coding Test

- Writing Codes to solve the problems in the language of choice C, C++, C#, Java and Python

Domain Wise Syllabus

Civil

- Building Materials
- RCC Design
- Theory of Design & Structures
- Soil Mechanics & Foundation
- Construction Scheduling
- Water Resource Engineering / Hydrology
- Geotechnical Engineering
- Environmental Engineering

Mechanical

- Thermodynamics
- Design of Machine Members
- IC Engines and Compressors
- Theory of Machine
- Engineering Material / Meteorology
- Strength of Materials
- Fluid Mechanics
- Manufacturing Process

Electrical

Cocubes

- Electrical Machines
- EMMI
- Network Analysis and Synthesis
- Control Systems
- Digital Electronics
- Power Electronics
- Power System and Instrumentation
- Micro-controller
- Microprocessor

Electronics

- Electronic Devices & EMMI
- Network Analysis and Synthesis
- Microprocessor & Microcontrollers
- Digital Electronics
- Communication System
- Control System

Computer Science

- C, C++, OOPS Concepts
- Data Structures
- DBMS concepts
- Operating System Concepts
- Design and Analysis of Algorithms
- Networking Concepts
- Computer Architecture

Chemical

- Chemical Thermodynamics and Reaction Engineering
- https://www.freshersnow.com/it-companies-syllabus/
- Fluid Dynamics
- Heat and Mass Transfer
- Industrial Chemistry
- Polymers
- Process Dynamics
- Control and Measurements
- Reaction Kinetics

Cocubes

Written English Test (WET)

- General Awareness
- Sentence Reconstruction
- English Grammar
- Vocabulary