

## CDAC Project Engineer Exam Pattern

Subject Name	No Of Questions/ Marks	Time Duration
English	10 Questions/ 10 Marks	3 Hours
Reasoning	10 Questions/ 10 Marks	
Aptitude	10 Questions/ 10 Marks	
General Awareness	10 Questions/ 10 Marks	
Quantitative Aptitude	10 Questions/ 10 Marks	
Technical Subjects	50 Questions/ 50 Marks	
Total Questions/ Marks	100 Questions/ 100 Marks	

## CDAC Project Engineer Syllabus - Topic Wise

### Syllabus For English

- Vocabulary.
- Subject-Verb Agreement.
- Fill in the Blanks.
- Shuffling of sentence parts.
- Grammar.
- Error Correction.
- Synonyms.
- Antonyms.
- Comprehension.
- Sentence structure.
- Unseen Passages.
- Idioms & Phrases.
- One word substitutions.
- Sentence Rearrangement

### Syllabus For Reasoning

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

## **Syllabus For Aptitude**

- Ratio and Proportion.
- Profit and Loss.
- Ratio and Time.
- Percentages.
- The relationship between Numbers.
- Problems with Ages.
- Time and Work.
- Time and Distance.
- Interest.
- Mensuration.
- Number Systems.
- Averages.
- Problems on Trains.
- Decimals and Fractions.
- Discount.

## **Syllabus For General Knowledge**

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

## **Syllabus For Aptitude**

- Areas
- Time and Distance
- Problems on Trains
- Odd Man Out
- Numbers and Ages

- Pipes and Cisterns
- Time and Work Partnership
- Ratio and Proportion
- Simple Interest
- Probability
- Averages
- Problems on L.C.M and H.C.F
- Problems on Numbers
- Compound Interest
- Volumes Profit and Loss
- Races and Games
- Mixtures and Allegations
- Boats and Streams
- Simple Equations
- Quadratic Equations
- Indices and Surds
- Mensuration
- Percentages
- Permutations and Combinations
- Simplification and Approximation

### **Syllabus For Technical Subjects**

- ASP .NET
- Visual Basic
- JAVA
- Programming in C/C++
- Windows Server 2000
- Internet, HTML/DHTML
- Oracle
- Networking
- System Analysis and Design
- SQL Server
- Operating system
- DBMS
- Project Management
- Linux/Unix