

DFCCIL Junior Executive Syllabus

The candidates can find the subjectwise syllabus for the DFCCIL Junior Executive Exam in the table below:

| Subject | Syllabus |
|---------------------------------------|--|
| Signal & Telecommunication | <ul style="list-style-type: none">• Electronic Measurements and Instrumentation• Analog and Digital Circuits• Analog and Digital Communication Systems• Computer Organization and Architecture Electro Magnetics• Advanced Communication Topics |
| Mechanical | <ul style="list-style-type: none">• Engineering Drawing• Measurement• Work, Power & Energy• Heat & Temperature• Machines• Tools & Equipment |
| Operations & BD | <ul style="list-style-type: none">• History of Indian Railways & DFCCIL• Economics & Marketing• Logical Reasoning• Customer Relations |
| Electrical | <ul style="list-style-type: none">• Electrical Circuits and Fields• Signals and Systems• Electrical Machines• Power Systems• Control Systems.• Electrical and Electronic Measurements.• Analog and Digital Electronic• Power Electronics and Drives |
| General Knowledge | <ul style="list-style-type: none">• General Science• Indian History• Indian Constitution• Indian Economy and Culture• Indian Agriculture• Commerce and Trade• Population• Environment and Urbanization• Geography of India• Natural Resources• Revenue |

Numerical Aptitude

- Police and General
- Number System
- Simplification
- Decimal & Fraction
- HCF LCM
- Ratio & Proportion
- Percentage
- Profit & Loss
- Discount
- Simple Interest and Compound Interest
- Partnership
- Time & Work
- Distance
- Use of Table & Graph
- Mensuration

Reasoning

- Analogies
- Similarities
- Differences
- Space visualization
- Problem-solving
- Analysis and Judgment
- Decision-making
- Visual memory
- Discrimination
- Observation
- Relationship
- Concepts
- Arithmetical reasoning
- Verbal and figure classification
- Arithmetical number series