

**Indicative syllabus for various Posts (Total 120 Questions)**

- A. Executive (Civil) (Post Code: 11) :**
- Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning etc
  - Part-II (96 Questions): Engineering and Solid Mechanics, Structural Analysis, Building & Construction Materials, Concrete (MCC,RCC & PSC) and Steel Structures Design, Soil Mechanics, Foundation Engineering, Public Health Engineering, Transportation Engineering , Hydraulics, Hydrology & Hydraulics Structures, Engg. Drawing, Estimation and surveying etc
- B. Executive (Electrical) (Post Code: 12) :**
- Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning etc
  - Part-II (96 Questions) : Power Transmission & Distribution, Circuit Analysis & Control system, Machines, Electronics, Measurement, Rest etc
- C. Executive (Operations & Business Development) (Post Code: 13) (120 Questions) :**
- General Knowledge, Logical Reasoning, Numerical Ability, General Science, History of Indian Railways and DFCCIL, Economics & Marketing, Customer Relations etc.
- D. Executive (Finance) (Post Code : 14) :**
- Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning etc
  - Part-II (96 Questions) : Corporate Accounting, Income Tax Laws and Practice, Indirect Tax Laws, Corporate Laws, Cost Accounting, Computer Application in Business, Management Principles and Applications, Fundamentals of Financial Management, Auditing and Corporate Governance, Financial Reporting and Analysis, Project Management, E-Filing of Returns, Banking and Insurance etc.
- E. Executive (Human Resource) (Post Code : 15) :**
- Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning etc
  - Part-II (96 Questions) : Human Resources Management, Industrial Relations & Labour Laws, Training and Development, Recruitment & Selection, Business Environment & Ethics, Performance Management, Organizational Behavior etc
- F. Executive (Information Technology) (Post Code – 16) :**
- Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning etc
  - Part-II (96 Questions) : Basic Knowledge about hardware configuration of computer and servers, Networking, IP routing & Traffic Management etc.
- G. Junior Executive (Electrical) (Post Code: 21) :**
- Part-I (60 Questions) : General Knowledge, Numerical Ability, General Aptitude/Reasoning, General Science etc
  - Part-II (60 Questions) : 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 etc.
- H. Junior Executive (Signal & Telecommunications) (Post Code:22) :**
- Part-I (60 Questions) : General Knowledge, Numerical Ability, General Aptitude/Reasoning, General Science etc
  - Part-II (60 Questions) : Electronic Measurements and Instrumentation, Analog and Digital Circuits, Analog and Digital Communication Systems, Basic Network Connectivity and Communications, Power supplies, SMPS, UPS, Inverter, Basic of Marking, Hacksawing, Chiselling, Filing, Drilling, Taping and Grinding. Basic concepts of generation, transmission and distribution of electrical power etc
- I. Junior Executive (Mechanical) (Post Code:23) :**
- Part-I (60 Questions) : General Knowledge, Numerical Ability, General Aptitude/Reasoning, General Science etc
  - Part-II (60 Questions) : Engineering Drawing, Measurement, Work, Power & Energy, Heat & Temperature, Machines, Tools & Equipment etc

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