

# Career Tests Syllabus - Technical



## Computer Science

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



## Electronics

- Communication System
- Control System
- Digital Electronics
- Electronic Circuits
- Electronic Devices and EMMI
- Microprocessors
- Microcontrollers
- Network Analysis and Synthesis



## Electrical

- Control Systems
- Digital Electronics
- Electrical Machines
- EMMI
- Microprocessors
- Microcontrollers
- Network Analysis and Synthesis
- Power Electronics and Instrumentation



## Civil

- Building Materials
- Construction Scheduling
- Design of Concrete
- Design of Steel Structures
- Environmental Engineering
- Soil Mechanics and Foundation
- Structural Analysis
- Water Resource and Engineering



## Mechanical

- Designing of Machine Members
- Engineering Material and Manufacturing
- Fluid Mechanics
- IC Engines and Compressors
- Metrology
- Strength of Materials
- Theory of Machine
- Thermodynamics