

RRB JE Technical Ability Syllabus - In this section, questions are asked from **basics of Subjects of respective branch of candidate**. A candidate should be familiar with his/her branch basics of engineering subjects.

RRB JE Civil Engineering Syllabus :- Questions will be based on General Civil Engineering. Topics includes Construction/ Structure Engineering and drawing, Estimating, Costing and Valuation & Building Materials, Mechanics, Soil Mechanics, Structural Analysis, Concrete Structures, Steel Structures, Hydraulics, Hydrology, Construction, Water requirements, Highway Planning, Traffic Engineering, Surveying, Coordinate system, Projections, Errors and adjustments, curves, Environmental Engineering, measurements of distance and directions.

RRB JE Mechanical Engineering Syllabus :- Questions from Strength of Materials, Theory of Machines, Kinematics of Machine, Engineering Mechanics, Fluid Mechanics, Heat Transfer, Thermodynamics, Power Engineering, Steam Tables, Thermodynamics cycles, I.C. Engines cycles, Casting, Machining and Machine Tool Operations, Metrology and Inspection subjects topics will be asked.

RRB JE Syllabus 2015 Electrical Engineering :- Questions will be based on topics of Electrical Machines, Basics of circuit & Power Electronics. They will also include Electrical and Electronic Measurements, Analog and Digital Electronics, Circuits and Measurement Systems, Signals and Systems, Electrical Machines, Power and Control Systems etc.

RRB JE Syllabus Junior Engineer (IT) :- MS Office; Computer fundamentals & organization; C , C++ & Java language; Information systems; DBMS; System programming; Operating systems; UNIX; SAD; Data & Network communication; Web technology & programming; Software Engineering; Environment & Pollution Control.

RRB JE Electronics Engineering Syllabus :- Electronic Devices, Energy bands, Signal & Systems, Wireless Communication, Carrier transport in silicon: diffusion current, drift current, mobility, and resistivity. Generation and recombination of carriers. Junctions, diodes, tunnel, Analog and Digital Circuits, & Communication, EMFT, Basics of Signal & Systems , Control System.

RRB Computers Engineering Syllabus :- Computer fundamentals, MS Office, languages, Information systems, DBMS, Operating systems, Software Engineering, Computer Networks, Database, Algorithms, Network communication, System programming, Web technology & programming.

Junior Engineer (Printing Press) :- Printing techniques and materials, Offset Printing, Color science, Newspaper printing, Paper & Ink technology, Digital technology & Imaging; Control Application in Printing; Basic concepts of Computers, Printing surface preparation.

Instrumentation & Measurement Engineering :- Questions from Basics of Measurement Systems, Transducers, Circuits, Mechanical Measurement, Industrial Instrumentation, Analog / Digital Electronics, Process Instrumentation will be asked.

Environment & Pollution Control :- Questions will be asked from topics of Environment, Pollution, Sources, Control Methods etc.

Engineering Drawing / Graphics :- Questions will be asked from basics of Drawing.