

## Syllabus for the examination of Chief Instructor(works)

Railway Organization

Duties of JE & SSE (works)

Planning layout of the various buildings , construction of building ,platform etc

Inspection and maintenance of buildings

Inspection of steel structures and timber works

Sanitary arrangement and hygienic condition

Passenger amenities

Water supply

Laying and maintenance of sanitary arrangements

Plantation and horticulture

Management of Land

Plans and drawings

Storage and use of explosives

Police jurisdiction and security of railway materials

Project development process

Engineering survey

Investment Planning and work budget

Estimates and contracts

Execution of works

Building and rents

Schedule of dimension

New building material

SOR and specifications

Soil mechanics

Bridges

Surveying

Concrete technology

Horizontal and vertical curves

Rajbhasha