

SYLLABUS FOR ASST. ENGINEER

Post Name	Domain Required	Topics
Asst. Engineer	Aptitude - Technical & Non technical	Verbal Ability
		Quantitative Ability
		Logical Reasoning
		Objective English
	Degree Electrical	Power Electronics
		A C machine
		Analog Circuits
		Control System
		DC Machine
		Digital Electronics
		Electrical Basics
		Network theory
		Control Systems
		Digital Electronics and Logic Design
		Electronics Devices and Circuits
	Degree Electronics	Micro processor/Microcontrollers
		Operational Amplifiers
		Power Electronics
		Principles of Communication engineering
		AC power transmissions
		Bulk power transmissions
	Degree Electronics & Power	Distribution of power
		Generation of electrical power
		Electronics & Communication/Basics
		Analog Circuits
		Basics
	Degree Electronics & Telecomm	Integrated Circuits and Digital Electronics
		Micro Processor and Micro Controllers
		Other Electronic Devices
		PLT
		Semiconductors and Transistor Devices
		Applied Mechanics
		Fluid Mechanics
		Hydraulic Machines
		Machine Design
		Pipe and Fitting
	Refrigeration and Air Conditioning	
	Degree Mechanical	SOM
		Theory of machines
		Welding Technology
		Workshop Technology
		Thermodynamics
Fundamentals		
Transducers		
Electronics		
Control System		
Digital Circuits		
Micro processors & Microcontrollers		
Measurments		
Transistors & OPAMPS		
Degree Intrumentation		

Post Name	Domain Required	Topics
Asst. Engineer	Degree Power Engineering	Switchgear & Protections
		Thermal Power Plant Operation & Performance
		Power Plant Maintenance Practices
		Power Plant Operation Practices
		Elective I-Non-Conventional Energy Sources
		Power Plant Projects
		Steam Turbines & Its Auxiliaries
		Machine Design
		Thermal Power Plant Commissioning
		Energy Conversion
		Turbo Generator & its Auxiliaries
		Industrial Economics & Management
		Thermal Power Plant Control & Instrumentation
		Power Generation Techniques
		Steam Generators & its Auxiliaries
		Heat Transfer
		Auto Control
		Thermal Power Station Layout, Common Aux. & Safety
		Environmental Management
		Theory of Machines
		Engineering Thermodynamics
		Digital Circuits
		Basic Electrical Machines
		Fluid Power
		Material Science & Metallurgy
		Manufacturing Process
		Network Analysis
	Electronic Devices & Circuits	
	Degree Computer Engineering	Digital Logic
		Computer Organization & Architecture
		Programming & Data Structure
		Algorithms
		Theory of Computation
Compiler Design		
Operating System		
Databases		
Computer Networks		

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