

Syllabus for Computer Based Test

The paper will consist of 100 questions in 2 parts.

Part 1: Knowledge of the subject/discipline

Part-2: General Aptitude test (viz. General Knowledge, Logical Reasoning, Current Affairs, Visual Reasoning, English Comprehensions, Mathematics)

The Duration for the test shall be 90 mins.

Syllabus for Part 1 of CBT:

<u>Post(s): S-5 Grade</u>	<u>Syllabus</u>	<u>Total No. of Questions</u>
Foreman (Mechanical)	Engineering Mechanics	75
	Strength of materials	
	Hydraulics and fluid mechanics	
	Hydraulic machines	
	Thermodynamics	
	Steam nozzles and turbines	
	Heat transfer, refrigeration and air conditioning	
	Theory of machines	
	Workshop technology	
	Production engineering	
	Engineering metrology & measurements	
	Machine design	
	Engineering materials	
Foreman (Electrical)	Electrical circuits and fields	75
	Electrical machines	
	Power systems	
	Control systems	
	Electrical and Electronic measurements	
	Power electronics and drives	

Syllabus for Part 2 of CBT:

General Aptitude Test (viz. General Knowledge, Logical Reasoning, Current Affairs, Visual Reasoning, English Comprehensions, Mathematics)	25
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