

SYLLABUS BOILER TECHNICIAN

Duration: 2 hours

Total Marks: 100

All questions of the Computer Based Test(CBT) are objective type . Total number of questions in the CBT are 100. Each correct answer carries 1 mark and there is no negative marking.

PART-1: General Aptitude

(50 Marks)

Unit-1: Verbal Ability (English Language)

Unit-2: Quantitative Aptitude

Unit-3: Analytical Reasoning

Unit-4: General Knowledge, General Science & Environment

PART-2: Technical - Boiler Technician

(50 Marks)

Unit-5.1: Foundation Engineering for Boiler Operations

Unit-5.2: Introduction to Boilers

Unit-5.3: Air, Fuel, Feedwater, Steam and Flue Gas Systems

Unit-5.4: Ash Handling Systems

Unit-5.5: Boiler Operations

Unit-5.6: Pipes, Tubes and Fittings

Unit-5.7: Steam Turbines

Unit-5.8: Commissioning and maintenance of power plant

Unit-5.9: Control and Instrumentation

Unit-5.10: Safety