

SYLLABUS

MAINTENANCE TECHNICIAN (INSTRUMENTATION)

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 – Maintenance Technician (Instrumentation)

(50 Marks)

Unit-5.1: Introduction to oil and gas production, refining and petrochemical industry

Unit-5.2: Process Instrumentation

Unit-5.3: Introduction to Automatic control

Unit-5.4: Special Instruments

Unit-5.5: Analog & Digital Electronics

Unit-5.6: Regulators, Valves & Motors

Unit-5.7: PLC & DCS

Unit-5.8: Signal Conditioning & Transmission

Unit-5.9: Piping & Instrumentation