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School of University Polytechnic

Diploma in Mechanical Engineering
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

Sem V - N1DL503B - Power Plant EngineeringGeneral Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) What is Coal crushing,? K1 (2)
- 2) Explain working principle of babcock and wilcox boiler. K2 (4)
- 3) Illustrate penumatic ash handling system. K2 (6)
- 4) Identify multi handling system with diagram. K3 (9)
- 5) Identify methods of reheating with diagram. K3 (9)
- 6) Evaluate type of ash handling system . K5 (10)
- 7) Analyze boiling water reactor with working. K4 (12)
- 8) Determine biogas power plant. . K5 (15)
- 9) Evaluate the nuclear reactors with diagram. K5 (15)
- 10) Elaborate solar power plant . K6 (18)