

Dr. Babasaheb Ambedkar Technological University Lonere-Raigad
First Test Examination: August 2013
Class: B. Tech. Mechanical Engineering Semester: I
Subject: Energy and Environmental Engineering

Time: 1 hour

Maximum Marks: 15

Instructions: 1. All questions are compulsory
2. Marks to the right indicate full marks

1. Write the correct type of energy produced by the following power plants.
a) Kakrapar power plant b) Khatkar Kalan Plant c) Durgapur Power plant d) Uran Power plant 2
2. Explain the working of simple gas turbine power plant using neat sketch and labels. 4
3. Give classification of hydroelectric power plants and explain the concept of mini and hydel power plants. 5
4. What is flat plate collector? Describe its components with suitable sketch. 4

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