

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No

CM-801(C)-GS

B.E. VIII Semester

Examination, December 2020

Grading System (GS)

Energy Management in Processes

(Elective - III)

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. What do you mean by Energy Monitoring? Write a detail note on elements of monitoring.
2. a) Explain Energy Scenario of India.
b) Explain the Role of Energy Managers in Industries.
3. a) Describe the procedure for calculating economic thickness of insulation.
b) Write energy conservation tips for cooling tower.
4. Using appropriate diagrams describe the method of condensate recovery and flash steam recovery system used in process industries.
5. Write a detail note on Clean Development Mechanism (CDM).

CM-801(C)-GS

PTO

[2]

6. Write a detail note on insulation types and their application.
7.
 - a) Give tips for energy saving in pumps.
 - b) Give tips for energy saving in Compressors.
8.
 - a) List the suggestions for improving the efficiency in compressed air system.
 - b) List the seven important suggestions for energy saving in pumps and fans.

CM-801(C)-GS