

Total No. of Questions : 4]

SEAT No. :

PB-319

[Total No. of Page : 1

[6270]-112

B.E. (Mechanical) (Insem)

ENERGY AUDIT AND MANAGEMENT

(2019 Pattern) (Semester - VIII) (402050 B) (Elective - V)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q.1 or Q.2, Q.3 or Q.4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data wherever necessary.

Q1) a) Explain the principles of Energy Management. [8]

b) Describe need for Renewable Energy [7]

OR

Q2) a) Explain current energy scenario in India. [8]

b) Write a note on energy security and reliability. [7]

Q3) a) Explain detailed energy audit with 10 steps methodology. [9]

b) List out software used for energy auditing and elaborate the provisions of current energy conservation act. [6]

OR

Q4) a) List out instrument used in energy audit and explain any three. [9]

b) What is energy audit and explain energy audit report format. [6]

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