

Total No. of Questions : 4]

SEAT No. :

PA-10223

[Total No. of Pages : 1

[6010]-99

B.E (Mechanical) (Insem.)

ENERGY AUDIT AND MANAGEMENT

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

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q1 or Q2, Q3 or Q4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right side indicate full marks.
- 4) Use of electronic pocket calculator is allowed.
- 5) Assume suitable data, if necessary.

- Q1) a) Explain current energy scenario in India. [5]
b) Explain the energy action planning. [5]
c) Describe need for Renewable Energy. [5]

OR

- Q2) a) Write note on Energy Policy. [5]
b) Write a note on energy security and reliability. [5]
c) Write the short note on energy reforms. [5]

- Q3) a) Explain the detailed Energy audit Methodology. [6]
b) Explain energy audit report format. [6]
c) What is Energy Audit? What are different types of Energy Audit? [3]

OR

- Q4) a) List out instrument used in energy audit and explain any three. [6]
b) Explain preliminary energy audit and its importance. [5]
c) Elaborate the provisions of current energy conservation act. [4]

