

Total No. of Questions : 6]

SEAT No. :

P519

[Total No. of Pages : 1

APR - 18/TE/Insem. - 119

T.E. (Electrical)

ENERGY AUDIT AND MANAGEMENT

(2015 Course) (Semester - II) (303150)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data, if necessary.*
- 5) *Use of log table, calculator and steam table is permitted.*

Q1) How energy sources are classified? Give suitable examples of each. How environmental impacts are associated with energy usage? **[10]**

OR

Q2) What are Energy Conservation Building Codes? Also explain concept of green Buildings. **[10]**

Q3) What is energy policy? Give standard format of energy policy with example. What role is played by it? **[10]**

OR

Q4) Explain duties and responsibilities of energy manager. **[10]**

Q5) Explain benefits of demand side management to consumers, utility, society and nation. **[10]**

OR

Q6) Explain supply side management with appropriate measures for managing utility systems. Is it effective? Justify your answer. **[10]**

