

Total No. of Questions : 6]

P491

SEAT No. :

[Total No. of Pages : 1

TE/Insem/APR - 18
T.E. (Electrical)
ENERGY AUDIT AND MANAGEMENT
(2012 Pattern) (Semester - II)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates :

- 1) Neat diagrams must be drawn wherever necessary.*
- 2) Figures to the right indicate full marks.*
- 3) Use of logarithmic tables slide rule molleier charts electronic pocket calculator and steam tables is allowed.*
- 4) Assume suitable data, if necessary.*

Q1) How energy use and environment are inter - related? What are the adverse effect of global warming? **[10]**

OR

Q2) Give salient features of Electricity act 2003. Comment on per capita consumption in India and developed countries. **[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 measures under supply side management for efficient utilisation of energy infrastructure. **[10]**

OR

Q6) How demand side management can be implemented for industrial and residential consumers? Explain with suitable examples. **[10]**

