

Total No. of Questions :6]

SEAT No. :

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P24

TE/Insem./APR-28

T.E. (Electrical)

303150 : ENERGY AUDIT AND MANAGEMENT

(2015 Pattern) (Semester - II)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q.1 or 2, Q.3 or 4, Q.5 or 6.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Black figures to the right indicate full marks.
- 4) Use of logarithmic tables slide rule, Mollier charts, electronic pocket calculator and steam tables is allowed.
- 5) Assume Suitable data, if necessary.

Q1) What is energy security? How energy security of a nation can be achieved? Explain long term and short term energy plans. **[10]**

OR

Q2) Give salient features of energy conservation Act 2001. Also specify role of Bureau of Energy efficiency. **[10]**

Q3) What is energy policy of an organisation? With suitable example explain role of energy policy and explain format of energy policy. **[10]**

OR

Q4) What is force field analysis? Explain steps involved. With suitable example explain how it is carried out. **[10]**

Q5) What is supply side management? Discuss various supply side management measures. **[10]**

OR

Q6) With flow chart explain implementation of Demand side management. Also state benefits of wave shaping of load curve. **[10]**

