

Total No. of Questions : 6]

SEAT No :

P182

APR -17/ TE/Insem.-18

[Total No. of Pages :2

TE (Electrical)

ENERGY AUDIT & MANAGEMENT(303150)

(2012 Course) (Semester-II)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Attempt Q1 or Q2, Q3 or Q4, Q5 or Q6.*
- 2) *Figures to the right indicate full marks.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Use of non-programmable electronic pocket calculator is allowed.*
- 5) *Assume suitable data, if necessary.*

Q1) a) Classify Various Energy resources. [4]

b) What are the salient features of Energy Conservation Act-2001? [6]

OR

Q2) a) Explain global environmental issues. [6]

b) Explain Kyoto Protocol agreement. [4]

Q3) a) What are the objectives of Energy Management? [4]

b) Explain Forced Field analysis concept in Energy Management. [6]

OR

Q4) a) Explain various skills required to Energy Manager for effective energy Management. [6]

b) What are the principles of Energy Management? [4]

P.T.O.

Q5) a) Explain Demand Side Management(DSM) through TOD and PF Tariff options. **[6]**

b) Enlist steps involved in DSM **[4]**

OR

Q6) a) What are various barriers in Supply Side Management (SSM) implementation? **[4]**

b) Explain the role of renewable energy sources in energy Management.**[6]**

→ → →