

Total No. of Questions : 6]

SEAT No. :

P18

[Total No. of Pages : 1

APR - 18/TE/Insem. - 20

T.E. (Electrical)

ENERGY AUDIT & MANAGEMENT

(2012 Course) (Semester - II) (303150)

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 indicates 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) Define and Classify various energy resources. [6]

b) Give any four salient features of Indian Electricity Act 2003. [4]

OR

Q2) a) Explain long term energy policies of Indian government. [6]

b) Explain any four features of Green Building. [4]

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

b) Explain force field analysis concept in energy management. [6]

OR

Q4) a) Explain various energy management strategies? [6]

b) Give various features of automatic meter reading in utility energy management. [4]

Q5) a) Define demand side management(DSM). What are its advantages? [6]

b) Explain role of renewable energy sources in energy management. [4]

OR

Q6) a) Enlist steps involved in supply side management(SSM). [4]

b) Explain the role of VAR compensation in supply side management. [6]

