

Total No. of Questions : 3]

SEAT No. :

P3635

[Total No. of Pages : 2

APR-15/ENGG.-120
T.E. (Electrical) (In Sem - Semester - II)
ENERGY AUDIT & MANAGEMENT
(2012 Pattern)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Attempt all questions.*
- 2) *All questions carry equal marks.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Assume suitable data, if necessary.*

Q1) a) Explain long term energy policies suitable for growing Indian economy. **[6]**

OR

Give salient features of Electricity Act 2003.

b) With suitable example classify energy sources. **[4]**

OR

Explain briefly impact of uncontrolled use of commercial energy sources on environment.

Q2) a) Discuss principles of successful energy management. **[6]**

OR

What is energy policy? Give format of energy policy.

b) What are the responsibilities of energy manager? **[4]**

OR

Give the structure of energy management division in process industry.

P.T.O.

Q3) a) Explain various load curve shaping tools used in demand management.[7]

OR

Explain utility side management avenues for management of power network.

b) Explain features of SCADA system. [3]

OR

State limitations of Supply Side Management.

