

Total No. of Questions : 6]

SEAT No. :

P223

Oct./BE/Insem. - 539

[Total No. of Pages : 1

B.E. (Electrical)

**RESTRUCTURING & DEREGULATION
(2015 Course) (Semester - I) (403144A) (Elective - II)**

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4 and Q5 or Q6.*
- 2) *Assume suitable data wherever necessary.*
- 3) *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) *Neat diagrams must be drawn wherever necessary.*

- Q1)** a) Explain the main functions of Central Electricity Authority. [5]
b) Why the reformation has taken place in Electrical Power System? [5]

OR

- Q2)** a) Explain the key features of National Energy Policy. [4]
b) Explain the Institutional structure of Indian power sector before reforms and after reforms. [6]

- Q3)** a) List and explain different tariff setting principles. [5]
b) Explain the regulator process in India. [5]

OR

- Q4)** Write short note on: [10]
a) Intensive based Regulation
b) Yardstick or benchmarking regulation

- Q5)** Explain in detail the following typical cost components of utilities: [10]
a) O and M Expenses
b) Cost of Working Capital
c) Interest and finance charges

OR

- Q6)** Explain in detail the different performance indices for generation and transmission. [10]

