

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No

MEPS-204**M.E./M.Tech., II Semester**

Examination, June 2017

Restructured Power Systems**Time : Three Hours****Maximum Marks : 70****Note :** i) Attempt any five questions.

ii) All questions carry equal marks.

1. Discuss the various reasons for deregulation of Power Industry and how it offers benefits to consumers and private parties.
2. Describe the electricity model concept in the power sector with its classification.
3. What is meant by load elasticity? Also explain role of load elasticity in congestion management.
4. Explain how risks in restructured power system are assessed and mitigated.
5. What is meant by transmission pricing? Describe various methods for pricing in transmission services.
6. Explain distributed generation and its impacts on restructured power system.

MEPS-204

PTO

[2]

7. Discuss the role of IT in deregulated power system.
8. Write short notes on following : (Any Two)
 - a) Optimal bidding
 - b) PJM
 - c) Ancillary Services

MEPS-204