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Roll No

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

Examination, December 2017

Restructured Power Systems**Time : Three Hours****Maximum Marks : 70**

- Note :** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) What do you understand by deregulation discuss the problems associated with regulation.
b) Define market power, what are the three stages of market power?
2. a) Discuss the role of marginal cost in power market.
b) Explain the term risk management and forward markets.
3. Discuss transmission pricing in restructured power system. Explain various transmission pricing schemes.
4. What do you understand by distributed generation? Discuss how to implement the concept of distributed generation in restructured market.
5. a) What do you understand by PJM interconnection?
b) Explain the structure of OASIS.

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6. a) Discuss the role of information technology in restructured power system.
b) Explain the role of vertically integrated systems in restructured markets.
7. a) Discuss the concept of standard market design.
b) Explain interzonal and intra zonal congestion management.
8. Write short notes on any two of the following:
 - a) Optimal bidding
 - b) Load elasticity
 - c) Ancillary Services
