

MEPS - 204
M.E./M.Tech., II Semester
Examination, June 2013
Restructured Power Systems
Time : Three Hours

Maximum Marks : 70

Note : 1. *Attempt any five questions.*
2. *All questions carry equal marks.*

1. Explain the fundamental concepts of restructured power system.

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2. Discuss important methodologies to control the congestion in optimal power flow via transmission system.
3. What is meant by distributed generation? Discuss how to implement the concept of distributed generation in restructured market.
4. Enumerate transmission pricing and ways to trace flow of power flow through the power network.
5. Explain how risk of restructured power systems are assessed and mitigated.
6. Describe in detail the working of restructured power system.
7. Discuss the role of information technology in restructured market.
8. Write short notes on any two of the following:
 - a) Optimal bidding
 - b) Ancillary Services
 - c) Standard restructured market design
 - d) Restructured market architecture