

rgpvonline.com

Roll No .....

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

Examination, December 2015

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

ii) All questions carry equal marks.

1. a) Explain the goals and need of restructuring of power system.  
b) What is the role of OPF tool in vertically integrated restructured system?
2. Explain Congestion Management in Deregulation.
3. a) Explain how risk evaluation is done in electricity trading.  
b) Explain Hedging instrument or strategy for electricity price risk design.
4. Explain transmission pricing in Restructured Power System and discuss MW-Mile rate method of pricing.
5. What do you understand by Ancillary services of electric utility? Explain some basic ancillary services.

6. Discuss the importance of distributed generation in restructured market.
7. Discuss the role of Information Technology in Restructured Power System.
8. Write short note on any two :
  - a) PJM Interconnection
  - b) Optimal bidding
  - c) Restructured Market Architecture
  - d) Standard Market Design

\*\*\*\*\*