

Exam.Code:1019  
Sub. Code: 7792

2021  
M.E. Electrical Engineering (Power System)  
Third Semester  
EE-8301 (a): Power System Deregulation

Time allowed: 3 Hours

Max. Marks: 50

**NOTE:** Attempt any five questions.

x-x-x

- I. Explain the Poolco model and bilateral trades in detail. (10)
- II. Compare between competition for the market and competition in the market. (10)
- III. Explain the role of IPP in deregulated power system. (10)
- IV. Explain wholesale competition and retail competition model based on the industry structure.
- V. Discuss the impact of market reforms on regularities and externalities. (10)
- VI. Explain the concept of market clearing price with the help of an example. (10)
- VII. What is the importance of transmission pricing under open access condition? State and explain major components of transmission costs? (10)
- VIII. What is ATC? How is it playing role in deregulated power system? (10)

x-x-x