

Enroll No

K.E.Society's
Rajarambapu Institute of Technology, Rajaramnagar
(An Empowered Autonomous Institute, affiliated to SUK)

Q.P.Code
UT 2997

Unit Test -I (2025-26)

T.Y. B.Tech.-Electrical Engineering

Course Code:EE3114

Course Name: Restructured Power System

Day & Date: Wednesday 13/08/2025

Time: 10:30 To 12:30

Max Marks- 25

Instructions:

- 1) All questions are compulsory.
- 2) Figures in rounded () brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
- 3) CO is the index number of the Course Outcome statement.
- 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
- 5) Assume suitable data if necessary.
- 6) Use of non-programmable calculators is allowed

- Q.1 A Discuss about different entities (any four) involved in Deregulated power system in India (4*2=8Marks) CO1 BL3 8
- B Write short notes on (Any Two) (3 marks each 3*2=6 Marks) CO1 BL5 6
- 1) Independent System Operator (ISO) 2) Availability Based Tariff (ABT)
3) Power Market 4) Ministry of Power
- Q.2 A Compare the conventional power system and restructured power system. (1 mark for each point) CO2 BL4 6
- B Explain the Restructuring process in India with neat labeled diagram (Diagram-2Marks, Explain- 3Marks) CO2 BL3 5

OR

Explain need of Restructuring in India with suitable examples (3 marks to explain, 2 marks for examples)

