

Enroll No

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

Q.P. Code
UT 3256

**Unit Test -II (2025-26)**

T.Y. B.Tech.-Electrical Engineering

**Course Code: EE3114**

**Course Name: Restructured Power System**

Day & Date: Friday, 19/09/2025

Time: 2:30 To 3:30

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

			Marks	BT Level	COs
Q. 1	A	Discuss 'Consumer behavior' with a suitable example. (Definitions, diagram, table, example- each of two marks)	8	BL 3	CO 3
	B	Explain 'Demand Elasticity' with various cases. (Definition, need, formula, cases, graph, explanation and comment)	7	BL 3	CO 3
		OR			
		Discuss 'Supplier behavior' with a suitable example. (Definitions, diagram, table, example- each of two marks)			
Q. 2	A	Justify the necessity of the limits for Congestion Management (Detail about 3 limits-2 marks each)	6	BL 4	CO 3
	B	Elaborate the term 'Congestion' in power system with suitable examples. (Define and explain any two examples)	4	BL 4	CO 3
		OR			
		Illustrate the effects of Congestion ( any 4 effects with explanation)			

