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	Reg. No.:
	Question Paper Code: 11234
Language of	M.E./M.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2023.
	Second Semester
	Power Systems Engineering
	PS 4204 – RESTRUCTURED POWER SYSTEM
	(Regulations 2021)
Time : Thre	ee hours Maximum : 100 mark
	Answer ALL questions.
	PART A — $(10 \times 2 = 20 \text{ marks})$
1. List the	e different types of restructuring process.
2. Differer	ntiate: Consume <mark>r</mark> behaviour and Supplier behaviour.
4. What is	y the congestion management s meant by nodal pricing? Shadow price
6. How to	prepare DCOPF and ACOPF used in restructured power system?
7. Why bla	ack start capability is used in restructured power system?
8. Mention	n the various types of ancillary services.
9. State th	he National Electricity policy.
10. Identify	y different reforms in Indian power sector.
	PART B — $(5 \times 13 = 65 \text{ marks})$
	Describe the restructuring process of various entities involved deregulation with suitable block diagram.
	Or
(b)	(i) How to classify the market models? Write the differences betwee various market models.
	(ii) Discuss the need for deregulation of various power system.

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