SEAT No.:	
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P25

Oct.-16/T.E./Insem.-24

T.E. (E & TC) (Semester - I)

SYSTEM PROGRAMMING AND OPERATING SYSTEM (2012 Pattern)

Time: 1 Hour] Instructions to the candidates:			: 30
Instr	1) 2) 3) 4)	ons to the candidates: Answer Q1 or Q2, Q3 or Q4,Q5 or Q6. Neat diagrams must be drawn wherever necessary. Figures to the right side indicate full marks. Assume Suitable data if necessary.	
<i>Q1</i>)	a)	Explain the terms terminals, non-terminals, starting symbol and productule set with example.	tion [6]
	b)	Explain linear and nonlinear data structures	[4]
		OR	
Q 2)	a) b)		[6] [4]
Q 3)	a) b)	List code optimization techniques and explain any 2 in details Explain LTORG and Origin statement with example	[6] [4]
		OR	
Q4)	a) b)		
Q5)	a) b)	Explain in details design of editor Explain dynamic loading and linking	[6] [4]
		OR	
Q6)	a) b)	Explain compile and go loading scheme What do you mean by translated origin, linked origin and load origin	[6] n[4]