R15

Code No: 127BY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, November/December - 2018

	D. 1111	COM	IPUTER NETV	VORKS	production of the second	promote the second
	3 Hours	Electronics a	nd Communica	tion Engineerin	g) Max. M	Iarks: 75
Note:	This question part A is compart B consist Each question consister.	pulsory which	Answer any	One run que		Part A. ch unit.
3R	8R	8R 1	PART- A	SK.	8H	(25 Marks)
1.a) b) c) d) e) f) g) h) i)	Write any four I What is a spann Briefly define t What is congest Discuss various Discuss in brief Explain about I	ing tree bridge? the features of pr tion? s goals of routing about DHCP. Pv6 extension h	otocol. g algorithm.	8 R	88	[2] [3] [2] [3] [2] [3] [2] [3] [2] [3] [2] [3] [2] [3]
8R	8 R	8R	PART-B	8R	8R	S (50 Marks)
2.a) b)	Differentiate be	etween OSI refer	rror detection me rence model and OR	TCI/II Telefolis	e model.	[5+5]
3.a)	of a twisted pa Describe the st	ir cables and the op and wait flow	Control teening		at are the differ	[5+5]
4.a) b)	Mention the fi		Onnecting device		n brief.	[5+5]
5. 6.a) b)	a) Non-persist Explain the Dy Explain the po	ynamic Routing	Algorithms in de Congestion. OR		8R	[3+3±4]
7.a) b)	Discuss about Give the adva	count to infinity ntages of Hierar	problem.			[5+5]

		8R, 1	8R,	8R	8R		8R	
	8.a) b)		nctions of transp Address Resolut		transport control	mechanism.	[5+5]	
8	9.a) b)	Explain.	nection establish	nment and crash	recovery mana	ged at the trans	sport layer? [5+5]	
	10.a) b)	Briefly describ Explain how T	[5+5]					
8	(1.a) b)	How does DNI In E-mail syste	S perform name em, where the E-	OR resolution? Expl mail messages a	ain with an exam re stored and why	ple. y?	[5+5]	
				00 <b>O</b> 00				
8	R	8R -	28R	88	8,8	8R	8R.	
3		82	8R	8R	8R	8R	8R	{
8		8R	8R	88	8R -	8R	8R	
		**						
8		8R	8R	8R	8R	8R	88	
8		8 P	88	8R	8R -	88	88	Town Security