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**************************************	LOCKEY LCA	r I Semëstër Exa COMPUTI	amations, No ER NETWOR	KS Emberabecembe	er - 2016.	
mat a vv		(Common	to ECE, BMI	E)		
Time: 3 Hour	S				Max. Marks: 7	5
Note: This an	estion paper c	ontains two parts A	\ and B			
Part A Part B	is compulso consists of	ory which carries 5 Units. Answ 10 marks and may	25 marks. A	full question f	ions in Part A.	
		PA	RT-A			
X	**************************************	:: :	*********	**** **** * * * *	(25 Mar	ks)
1.a) Write sh	nort notes on i	i :::::: nterfaces		# # W # # # # # # # # # # # # # # # # #		
		stics of twisted pai	r cable.		[2] [3]	
		between router an			[2]	
d) What is	meant by coll	ision free protocol	s?. 		[3]	
e) Mention f) Differen	ce běišýcen co	sues of network lay	er	atad nativious	[2]	
g) Explain	about CIDR.	micetioniess and c	omice transomer	nted networks.	[2]	
h) Explain	the functions of	of Transport layer.			[3]	
	about TELNE		and 122		[2]	
j) Write the	753 818	ayer paradigms.			[3]	
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					(50 Mark	(s)
.a) Explain t	ha functions o	f verious levers in	ICO OCIf.	. 11		
b) Explain (the term slidi	of various layers in ng window. Also	illustrate and	ence model.	ration of calcativ	
repeat.	117 2***********************************		iiii iii	ii i'''	[[5+5]	/е :
	* * * * * * * * * * * * * * * * * * *		OR E FALLE			*
		l transmission med		0.77		
b) What are technique	uie different	types of error det or polynomial x^4 +	ection methods $x^3 + 1$ and data	S? Explain the Cl		n
				11100011.	[5+5]	
a) - Explain th	ne operation of	f source Routing B	ridģeš	**************************************	* X	· ·
	ne working of		x x x * * x	4 N NN+4	[5+5]	e 2
	brief the MA	C frame structure:	R			
		eration of pure ALC			[5+5]	
*** ***	*** ***				[JTJ]	
Explain th	e Dijkstra's S	hortest Path Routir	ng Algorithm w	vith an example.	*** *** *** * * * * * * * * * * * * *	****
o) Give the g	eneral princip	les of various cong		algorithm.	[5+5]	¥
What is Co	ongestion con	O trol? How it is im _]		letwork Lavara V	That is the1.	c
Choke pac	ket in managi	ng congestion?	promoned in N	iciwoik Layei! V	nat is the role of [10]	Į.
r		6 - 11-000HOM.			[TO]	

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i i i i i i i i i i i i i i i i i i i	b)Expla 9.a) How Expla	in abour Revers are connection in.	e Address Resol	or decision decision rel	FIL	the transport laye $[5+5]$	r?
				r and the FCP he	ader.	[5+5]	
	11.a) What b) Explai	is Electronic ma in the TCP servi	il? Explain the to		rchitecture of E-N	⁄Iail. [5+5]	
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