END TERM EXAMINATION

SIXTH SEMESTER [B.TECH] MAY- JUNE 2016

Paper Code: ETCS-306		S	Subject: Computer Networks	
Time: 3 Hours Note: Attempt any five questions including			Maximum Marks: 75	
No	ite: Attempt any five que	estions including Q	No1 which is con	npulsory.
Q1	Attempt all:		May sure, tree grays	mitth, meed
	(a) Differentiate between switching. (b) Differentiate between (c) Explain parity bit err (d) Differentiate between (e) Explain Subneting uses	adaptive and non-ac or detection method narrowband ISDN, 1	daptive routing alg	151
Q2	(a) Compute the CRC for 1011. (b) Give the header form each filed in the head	nat of ATM Cell. Al		(6)
Q3	Explain Channel allocat Provide an example to i	ion problem and its lustrate the problem	solution algorithm	in detail. (12.5)
Q4	(a) Discuss the various issues in designing Data link layer in detail. (b) Explain sliding window protocol in detail and using an example. (6.5)			
Q5	Explain the following cables in detail. (a) Baseband Coaxial Cable (b) Broadband Coaxial cable (c) Fiber cable (4.5			
Q6	Explain the network lay networks in detail. Diffe	er in the internet an rentiate in Between t	d the network lay	
Q7	A router has the following Address/Mask 135.46.56.0/22 135.46.60.0/22 135.53.40.0/22 Default For each of the following packet with that address (i) 135.46.63.10 (ii) 135.46.57.14 (iii) 135.46.52.2 (iv) 192.53.40.7 (v) 192.53.56.7	Next Hop interface 0 interface 1 Router 1 Router 2		er do if a (12.5)
Q8	Write short notes on any (a) Domain Name Registr (b) Satellite networks (c) Network devices		- (6.25	ix2=12.5)