HASMUKH GOSWAMI COLLEGE OF ENGINEERING, VAHELAL
MID SEMESTER EXAMINATION, SEPTEMBER-2016

Subject Code: DCN **Date: 27/09/2016**
Subject Name: 2171008 **Sem: 7TH**
Time: 10:00 TO 10:50am **Total Marks: 20**

Instructions:
1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

QUE.1	(A)	Explain Ethernet and its standard	3
	(B)	Discuss the Channel Allocation Problem in Networks. Compare and Contrast Static Channel Allocation with Dynamic Channel Allocation along with examples.	3
QUE.2	(A)	Write a short note on HTTP.	3
	(B)	Draw and explain the TCP/IP model used for the networks.	4
		OR	
	(B)	Explain HDLC.	4
QUE.3	(A)	List the Data Link Layer design issues. What is framing? List all methods used for framing and explain any two methods used for framing in detail.	3
	(B)	What is Domain Name System? Describe in details the Recourse records and Name server for the Domain Name System.	4
		OR	
	(A)	Explain CSMA.	3
	(B)	Explain ARQ protocols.	4