

(OLD COURSE)**QP Code :12064****(3 Hours)****[Total Marks : 100**

- 1: Question No. 1 is compulsory.
- 2: Attempt any four out of the remaining six questions.
- Q1(a) Explain the layers details of OSI and TCP/IP Models. (10)
- (b) With a neat diagram compare the uses and functions of different hardware components/devices used in an inter network (10)
- Q2(a) Explain FDMA, TDMA and CDMA (10)
- (b) Derive the efficiency of pure Aloha protocol (10)
- Q3 (a) What is the function of TCP protocol? Discuss it's header format (10)
- (b) Explain sliding window protocol using Go Back -N Techniques (10)
- Q4 (a) What is IPV4 Protocol ? Explain the IPV4 Header format with diagram (10)
- (b) What are transport service primitives? (10)
- Q5 (a) Differentiate between the following :- (10)
- (i) Protocol and Interface
- (ii) Connectionless and connection oriented service.
- (b) What are different types of routing ? Explain any one in detail. (10)
- Q6 (a) Explain the different factors associated with quality of service in inter network. (10)
- (b) What are transport service primitive . (10)
- Q7 Write short notes on (any four):- (20)
- (a) Berkeley Sockets
- (b) SONET
- (c) Bluetooth
- (d) IEEE 802.11
- (e) CIDR

LM-Con.:8696-14.

Course : Prog. 521 to 535 (CBSGS)
Q.P Code : 12064
Correction :

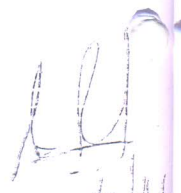
READ FOLLOWING CORRECTIONS IN Q.4

Please make the correction in paper : Computer Network (OLD).
consider "Q4 a for 20 marks and cancel the Q4 b."

Query Update time : 28/11/2014

Block No. - 03

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28/11/14