

Code: R7410401

B.Tech IV Year I Semester (R07) Supplementary Examinations December 2015

COMPUTER NETWORKS

(Common to ECE & EIE)

(For 2008 Regular admitted batch only)

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Differentiate ISO OSI and TCP/IP models.
(b) What are the different network topologies, explain with neat diagrams?
- 2 (a) Explain about standards of media in detail.
(b) Explain about broadband ISDN in detail.
- 3 (a) Briefly explain about DLI design issues.
(b) Explain DLI in HDLC.
- 4 (a) Explain about IEEE 802.11 in detail.
(b) Explain about IEEE 802.3 briefly.
- 5 (a) With neat diagram, explain shortest path routing algorithm.
(b) Explain about multicast routing algorithm.
- 6 (a) What is meant by congestion and explain Leakey bucket algorithm in detail?
(b) Explain about network layer in the internet.
- 7 (a) Differentiate TCP and UDP.
(b) Explain about transport services briefly.
- 8 Explain in detail about SNMP.
