

R07**Code: R7410401**

B.Tech IV Year I Semester (R07) Supplementary Examinations, May 2013

COMPUTER NETWORKS

(Common to ECE and EIE)

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. (a) Explain the Novell network IPX packet.
(b) Describe the architecture of OSI reference model.
2. (a) Explain about fiber optic transmission media.
(b) Describe the ATM packet format.
3. (a) Explain the data link layer in ATM.
(b) Explain about the high level data link control.
4. (a) Explain about the transparent bridge.
(b) Explain about the carrier sense multiple access protocols.
5. (a) Describe the hierarchical routing with an example.
(b) Differentiate between transmission path, virtual path and virtual circuit.
6. (a) Explain about the border gateway routing protocol.
(b) Explain about the tunneling with an example.
7. Explain the connection management in TCP.
8. (a) Explain about the SNMP protocol.
(b) Explain the RSA algorithm.
