

C 28762

Name.....

Reg. No.....



**SIXTH SEMESTER B.TECH. (ENGINEERING) DEGREE
EXAMINATION, JUNE 2012**

CS 04 603 – COMPUTER NETWORKS

Time : Three Hours

Maximum : 100 Marks

Answer all questions.

Part A

- I. (a) Explain about LAN.
(b) What is packet switching? Explain.
(c) Explain ATM Reference Model.
(d) Name some layers of SONET and its functions.
(e) When is a translating bridge is used? Discuss.
(f) Mention the limitations of link state routing algorithms.
(g) What is TELNET? Explain.
(h) Write a note on SNMP.

(8 × 5 = 40 marks)

Part B

- II. (a) What is IEEE is 802.3? What are the types of Ethernet? Discuss.
Or
(b) Define FDDI and its need in detail.
- III. (a) Explain in detail about ISDN layers.
Or
(b) Explain in detail about types of topologies.
- IV. (a) What are the functions of OSI layer? Discuss.
Or
(b) Explain the duties of transport layer.
- V. (a) Define DNS and explain the major sections of DNS in detail.
Or
(b) With a neat diagram, explain the basic model of FTP.

(4 × 15 = 60 marks)