

C 26810

(Pages : 2)

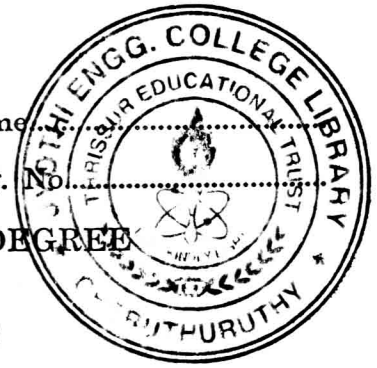
Name

Reg. No.

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

CS/IT/PTCS 09 603—COMPUTER NETWORKS

(2009 admissions)



Time : Three Hours

Maximum : 70 Marks

Part A

*Answer all questions.
Each question carries 2 marks.*

1. What do you mean by a virtual path ?
2. Mention the networking devices.
3. Define explicit routing.
4. Write the functionality of a demultiplexer.
5. Mention the use of the session layer.

(5 × 2 = 10 marks)

Part B

*Answer any four questions.
Each question carries 5 marks.*

6. Explain about the packet switching mechanism.
7. Write about the FDDI in detail.
8. Explain the routing for mobile hosts in detail.
9. Write about the working of MSDP.
10. Explain the working of the transport layer.
11. Explain about the working of the remote procedure call mechanism.

(4 × 5 = 20 marks)

Part C

*Answer all questions.
Each question carries 10 marks.*

12. (a) Explain the ATM design goals and the physical layers for ATM in detail.

Or

- (b) Explain about the working of the Bluetooth and Wi-Fi technologies.

13. (a) Explain in detail about CIDR and BGP.

Or

- (b) Explain the working of Bridges and Routers.

Turn over

14. (a) Explain in detail about IPV6.

Or

(b) Write in detail about the working of virtual private networks and tunnels.

15. (a) Explain in detail about Triggering transmission and Adaptive retransmission.

Or

(b) Write in detail about the working of presentation layer and application layer.

(4 × 10 = 40 marks)