

G 1645

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Reg. No.

Name.....



B.TECH. DEGREE EXAMINATION, MAY 2015

Eighth Semester

Branch : Applied Electronics and Instrumentation Engineering

AI 010 803 – COMPUTER NETWORKS (AI)

(New Scheme – 2010 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 3 marks.

1. List out OSI Architecture.
2. Explain Framing.
3. Differentiate Broadcast and Multicast.
4. What is meant by end to end protocol?
5. Define WWW.

(5 × 3 = 15 marks)

Part B

Answer all questions.

Each full question carries 5 marks.

6. Explain about Internet Architecture.
7. Describe in detail about Direct link network.
8. Briefly explain about packet switching.
9. Explain in detail about Reliable byte stream.
10. Write short notes on Overlay networks.

(5 × 5 = 25 marks)

Turn over

Part C

Answer all questions.

Each question carries 12 marks.

11. Explain in detail about OSI Architecture.

Or

12. Describe in detail High speed networks.

13. Describe the clock based framing.

Or

14. Briefly explain about Ethernet.

15. Write in detail about virtual circuit switching.

Or

16. Explain in detail about datagram forwarding in IP.

17. Describe in detail about source based congestion avoidance.

Or

18. Discuss in detail about TCP congestion control.

19. Write in detail about network management.

Or

20. Briefly explain about peer to peer network.

(5 × 12 = 60 marks)

