



**AO-02010251**

Seat No. \_\_\_\_\_

**B. C. A. (Sem. V) (Non CBCS) Examination**

**March / April – 2016**

**Network Technology & Administration**

**Time : 3 Hours**

**Total Marks : 100**

- 1 Answer following questions : (any four) 20**
- (1) Write short note on Switching Techniques
  - (2) Explain X.25.
  - (3) Explain Proxy ARP
  - (4) What is Streaming Media ? Explain in brief.
  - (5) What is Resource Reservation Protocol.
- 2 Answer following questions : (any four) 20**
- (1) Explain Internet Standard Management Framework.
  - (2) Write short note on Multiplexing.
  - (3) Explain DNS & DNS Server.
  - (4) Explain elements of Transport Layer.
  - (5) Bootstrap protocol.
- 3 Answer following questions : (any four) 20**
- (1) Explain Wireless TCP & UDP.
  - (2) Explain Congestion Control with Congestion Prevention Policy.
  - (3) What is Static & Dynamic Web Pages? Explain with example.
  - (4) What is ICMP? Explain it with all its header.
  - (5) Explain Remote login in detail.
- 4 Answer following questions : (any four) 20**
- (1) Write short note on Network Topology.
  - (2) Explain CSMA/CA and CSMA/CD and differentiate it.
  - (3) Explain SLIP & PPP.
  - (4) Write short note on Transmission Media.
  - (5) Explain Modem.

**5** Answer following questions : (any four)

**20**

- (1) Explain unicast, multicast and broadcast.
  - (2) HTTP as a stateless protocol.
  - (3) Note on 802.11 architecture.
  - (4) Write short note on DHCP
  - (5) Write short note on Firewall.
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