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Roll No ....

MSE-301(A)/MCSE/MCTA-301(B)/ MCIT-301(C)

M.E./M.Tech., III Semester

Examination, June 2017

Web Engineering

Time : Three Hours

Maximum Marks : 70

Note : i) Attempt any five questions.
    ii) All questions carry equal marks.

1. a) How does the Address Resolution Protocol (ARP) works? What is ARP Cache?

    b) Write a short notes on :

    i) Client - server model

    ii) Subnet addressing

2. a) Discuss ICMP in detail, also discuss the ICMP message types.

    b) What is RARP? Discuss RARP packet format.

3. a) What is IP Routing? Discuss Routing principles in detail.

    b) What is the purpose of 'Ping'? How does Ping work?
        www.rgpvonline.com

4. a) How does the 'three-way handshake' for creating a TCP connection work? What factors make TCP reliable.

b) What is Dynamic Routing? Discuss any one Dynamic Routing protocol in detail.

5. a) Discuss BOOTP, also discuss BOOTP packet format.

    b) Discuss UDP header and UPD checksum in detail.

6. a) Discuss TCP services, also discuss TCP header format in short.

    b) Write short notes on :

    i) TFTP

    ii) IP Fragmentation

7. a) What is SNMP? Discuss SNMP configuration and SNMP Monitoring.

    b) Discuss the Telnet protocol in detail.

8. a) What is meant by remote login? Which protocol is used for remote login? Explain its working.

    b) Write short notes on :

    i) NFS
    ii) FTP   www.rgpvonline.com

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