Roll No ....

IT-603
B.E. VI Semester
Examination, June 2014
Internet Technology & Network Management

Time : Three Hours

Maximum Marks : 70

Note: Attempt one question from each unit. Each unit have internal choice.

rgpvonline.com

UNIT-I

1. a) Describe the various fields in the IP datagram header. 7
   b) How does the Address Resolution Protocol (ARP) Work? 7

OR

2. a) Write comparison between IPV$_4$ and IPV$_6$. 7
   b) What do you understand by subnet masking? How it can be done? 7

UNIT-II

3. a) How many types of ICMP message? Explain briefly. 7
   b) Discuss about Unicast Routing Protocols. 7

OR

4. a) Explain Link State Routing. 7
   b) Draw ICMP header and also explain its field. 7

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UNIT-III

5. a) Draw TCP segment format and explain its field. 7
   b) Draw UDP data gram format and explain its field. 7

OR

6. a) Briefly describe each class of the TCP Protocol. 7
   b) Explain UDP checksum with an example. 7

UNIT-IV

7. a) How Email work? How many protocols used in Email? 7
   b) Explain about Packet Format of DHCP. 7

OR

8. a) What is used of DNS in the internet? Explain. 7
   b) Explain about BOUTP. 7

UNIT-V

9. a) Describe about fault management. 7
   b) Explain about configuration management. 7

OR

10. a) What do you understand by Performance management? 7
    b) Explain about policy based management. 7

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