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Register Number:

Name of the Candidate:

B.Sc. DEGREE EXAMINATION, May 2015
(NETWORKING AND INFRASTRUCTURE MANAGEMENT)
(SECOND YEAR)
(PART-III)

220 : NETWORK ADMINISTRATION

Time: Three hours

Maximum: 100 marks

SECTION - A
Answer any EIGHT questions **(8 × 5 = 40)**

1. Explain the architecture of CISCOIOS.
2. Write short notes on Router component and IP routing.
3. Describe the operation of EIGRP.
4. Discuss about OSPF configuration and verification.
5. Write down the process of STP.
6. Explain VIAN parameters and port mode.
7. Describe CISCO wireless video stream Technology.
8. What are VLAN? Explain VLAN types.
9. Draw and explain the format of IPV6.
10. Write notes on IPV6 tunnelling.

SECTION - B
Answer any THREE questions **(3 × 20 = 60)**

11. Briefly describe debugging of RIP routing mechanism.
12. What are the methods used to authenticate EIGRP? With neat structure to describe it.
13. Detailed notes on VLAN, VLAN routing.
14. How can you transfer network address? And explain the concept of Network address translation in wireless system.
15. Explain configuring PPP and VPN.

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