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**BV—08—2016**

**FACULTY OF COMPUTER STUDIES**

**M.Sc. (SAN) (Third Semester) EXAMINATION**

**OCTOBER/NOVEMBER, 2016**

**(CBCS Pattern)**

**SYSTEM ADMINISTRATION AND NETWORKING**

Paper SAN-302

(Network Administration : Part II)

**(Friday, 18-11-2016)**

**Time : 2.00 p.m. to 5.00 p.m.**

*Time—Three Hours*

*Maximum Marks—75*

*N.B. :— (i) Attempt All questions.*

*(ii) Assume suitable data, if necessary.*

1. Attempt any *three* of the following : 15
  - (a) Explain ICMP.
  - (b) How to configure default routing ?
  - (c) Explain routing protocol in detail.
  - (d) Explain RIP protocol in detail.
  - (e) Explain trace route.
2. Answer the following (any *three*) : 15
  - (a) Explain VTP protocol in detail.
  - (b) How to configure VLAN trunking ?
  - (c) Explain EIGrp protocol in detail.
  - (d) Discuss PPP protocol.
3. Solve the following (any *three*) : 15
  - (a) Explain VLAN.
  - (b) Explain ISL Frame format in detail.
  - (c) How to configure VLAN trunking ?
  - (d) Explain OSPF protocol in detail.

P.T.O.

4. Answer the following (any *three*) : 15

- (a) How to static routing in detail ?
- (b) Explain IEEE 802.1 Q Frame format in detail.
- (c) Explain OSDF neighbor in detail.
- (d) Explain RIPv2 protocol in detail.

5. Write short notes on (any *three*) : 15

- (a) Extended pmg
- (b) Router
- (c) IPv4 Address
- (d) DHCP.