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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.