

This question paper contains 2 printed pages]

BV—09—2016

FACULTY OF COMPUTER STUDIES

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

OCTOBER/NOVEMBER, 2016

(Revised Course)

SYSTEM ADMINISTRATION AND NETWORKING

Paper SAN-3.2

(Network Administration : Part II)

(Friday, 18-11-2016)

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

Time—Three Hours

Maximum Marks—100

N.B. :— (i) Attempt *All* questions.

(ii) Assume suitable data, if necessary.

1. (a) Explain routing protocol in detail. 10

(b) Explain virtual LAN in detail. 10

Or

(c) How to configure RIP protocol ? 10

(d) How to configure static route ? 10

2. (a) Explain VTP protocol in detail. 10

(b) Explain ISL frame format in detail. 10

Or

(c) Explain distance vector routing protocol. 10

(d) Explain trace route command. 10

3. (a) Explain ASPF protocol in detail. 10

(b) Explain concept of PPP protocol. 10

Or

(c) Explain link state routing protocol in detail. 10

(d) Explain EIGRP neighbor in detail. 10

P.T.O.

WT

(2)

BV—09—2016

4. (a) Explain ICMP protocol in detail. 10
- (b) How to configure default route ? 10
- Or*
- (c) Explain OSPF LSDB in detail. 10
- (d) Explain RIPv2 in detail. 10
5. Write short notes on (any *four*) : 20
- (a) Router
- (b) WAN
- (c) IPv4 Address
- (d) OSI model
- (e) LAN.