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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.

- 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.