

This question paper contains 2 printed pages]

CD—18—2016

FACULTY OF COMPUTER STUDIES

B.Sc. (NT) (Second Year) (Third Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

NETWORK TECHNOLOGY

(S3.3)

(Network Operating System Administration)

(Tuesday, 22-11-2016)

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

Time—Three Hours

Maximum Marks—80

N.B. :— (i) Attempt *All* questions.

(ii) Assume suitable data, if necessary.

(iii) Figures to the right indicate full marks.

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| 1. | Attempt the following : | 20 |
| | (a) Explain ICMP redirector | |
| | (b) Explain PPP protocol | |
| | (c) Explain dump NFS stations | |
| | (d) Explain web hosting basics. | |
| 2. | (a) Explain CIDR. | 8 |
| | (b) Explain link state protocol. | 7 |
| | <i>Or</i> | |
| | (c) Explain routing daemons and routing protocols. | 8 |
| | (d) Explain routing tables. | 7 |
| 3. | (a) Explain distance vector protocol. | 8 |
| | (b) Explain packet forwarding. | 7 |
| | <i>Or</i> | |
| | (c) Explain network standard and documentation. | 8 |
| | (d) Explain file locking. | 7 |

P.T.O.

4. (a) Explain network management protocol. 8
- (b) Explain in detail troubleshooting. 7
- Or*
- (c) Explain HTTP server installation. 8
- (d) Explain virtual interfaces. 7
5. Write short notes on (any *three*) : 15
- (i) NAT
- (ii) Expansions
- (iii) Remote monitor MIB
- (iv) Caching proxy servers
- (v) Network management application.