

This question paper contains **2** printed pages]

**CD—19—2016**

**FACULTY OF COMPUTER STUDIES**

**B.Sc. (N.T.) (Second Semester) EXAMINATION**

**OCTOBER/NOVEMBER, 2016**

**NETWORK TECHNOLOGY**

**Paper S.2.7**

**(Computer System Security)**

**(Wednesday, 23-11-2016)**

**Time : 10.00 a.m. to 1.00 p.m.**

*Time—3 Hours*

*Maximum Marks—80*

*N.B. :— (i) All questions are compulsory.*

*(ii) Assume suitable data if necessary.*

- |    |  |    |
|----|--|----|
| 1. | Attempt the following :                        | 20 |
|    | (a) Threats                                    |    |
|    | (b) Internet Vs. Intranet                      |    |
|    | (c) Basic of Network                           |    |
|    | (d) IP Addressing.                             |    |
| 2. | (a) Explain steganography in detail.           | 8  |
|    | (b) Explain the concept of firewall in detail. | 7  |
|    | <i>Or</i>                                      |    |
|    | (c) Explain the elements of network security.  | 8  |
|    | (d) Explain trusted system in detail.          | 7  |
| 3. | (a) Explain the types of virus in detail.      | 8  |
|    | (b) Explain security services in detail.       | 7  |
|    | <i>Or</i>                                      |    |
|    | (c) Explain conventional encryption in detail. | 8  |
|    | (d) Explain IP Sec. in detail.                 | 7  |
| 4. | (a) Explain internet security in detail.       | 8  |
|    | (b) Explain classical encryption in detail.    | 7  |

P.T.O.

WT

( 2 )

CD—19—2016

*Or*

- (c) Explain the types of policies in detail. 8
- (d) Explain security attack in detail. 7
- 5. Write short notes on the following (any *three*) : 15
  - (a) Policy standard
  - (b) Intruders
  - (c) H/W Firewall
  - (d) Encryption and decryption
  - (e) Virus.