B. Sc. IT (Sem. VI) Examination

March - 2022

CS-32 Networking MGMT. & Information Secu.

(Old Course)

Faculty Code : 003

Subject Code : 004603

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

Instructions : (1) All questions carry equal marks.

(2) Attempt any five of the following questions.

1   (A) Define information security and its attributes.   **14**

(B) What is network management system ? Explain SNMP.

2   (A) Explain OSI Model.   **14**

(B) Write a note on TCP and UDP Header.

3   (A) Explain RSA with example.   **14**

(B) Explain Malicious Software.

4   (A) What is Attack ? Explain various types of attacks.   **14**

(B) Give brief note on ESP and AH.

5   (A) Explain Bio matrix techniques with its types.   **14**

(B) Elaborate password polices and Discipline.

6   Attempt the following :   **14**

Trojan Horse, Connectionless Protocol, Tunneling, SYN
Flood, Cross over Error Rate.

7   (A)   Explain ARP and RARP.   14
    (B)   Explain Firewalls.

8   (A)   Explain False Acceptance and false rejection rate.   14
    (B)   Explain IKE and SA.

9   (A)   Explain Public Key Cryptography.   14
    (B)   Explain Cookie and parental control.

10 (A)   Explain the term Maximum transfer unit.   14
    (B)   Explain Virus and worm.

———————————