[A-8]

SARDAR PATEL UNIVERSITY
T.Y. B.B.A. - ITM (HONOURS) SEMESTER - VI EXAMINATION
Tuesday, 29th March, 2016
10:30 A.M. TO 12:30 P.M.
UM06CBBI01: INFORMATION SECURITY

Maximum Marks: 60

Note: Figures to the right indicate Marks.

Q-1 (A) Define Information Security. Explain any three Core principles of Information [10] Security and Security Administration in detail.

(B) Discuss Employment Policy only. [05]

OR

Q-1 (A) List out the 7 stages of System Life Cycle and Discuss Security Development [10] Life Cycle in brief.

(B) Explain any two Security Modes of Operation. [05]

Q-2 (A) Define Access Control. Why control Access requires? Give its Reasons and [12] Types of Access Control in detail.

(B) What is Auditing? Discuss the Characteristic of Auditing. [03]

OR

Q-2 (A) What is Authentication? Explain Username Password Authentication and [12] Biometric Authentication concept in brief.

(B) Explain Component to Audit concept in Auditing. [03]

Q-3 (A) What is Attack? Discuss Malicious Code Attacks in brief. [10]

(B) What is Password Attack? Discuss Password Guessing and Dictionary Attack. [05]

OR

Q-3 (A) Define Wireless Security. Explain Wireless Network Technologies IEEE [10] 802.11 Specifications, Common Exploits of Wireless Network and Wireless Vulnerabilities.

(B) What is Spoofing? Discuss IP, URL and E-Mail Spoofing in detail. [05]

Q-4 (A) Explain Router and Switch concept with its Benefits/Vulnerabilities in brief. [12]

(B) Define UTP/STP Cable. Discuss Benefits of Twisted Pair Cable. [03]

OR

Q-4 (A) Define Remote Access Security. Explain Benefits of RAS. Also discuss [12] Intrusion Detection concept with its advantages and disadvantages of Network Based IDS, Host Based IDS and Application Based IDS Characteristics.

(B) Define Fiber Optic Cable. Discuss Benefits of Fiber Optic Cable. [03]

BEST WISHES