[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 Security and Security Administration in detail. [10]

(B) Discuss Employment Policy only. [05]

OR

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

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

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

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

OR

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

(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 802.11 Specifications, Common Exploits of Wireless Network and Wireless Vulnerabilities. [10]

(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 Intrusion Detection concept with its advantages and disadvantages of Network Based IDS, Host Based IDS and Application Based IDS Characteristics. [12]

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

BEST WISHES