

(4A & A-7)

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SARDAR PATEL UNIVERSITY

T.Y. B.B.A. - ITM (HONOURS) SEMESTER - VI EXAMINATION

Tuesday, 28th March, 2017

10:00 A.M. TO 12:00 A.M.

UM06CBB101: INFORMATION SECURITY**Note:** Figures to the right indicate Marks.

All questions carry equal Marks.

Maximum Marks: 70

Q-1 (A) Describe Security Development Life Cycle in brief. [08]

(B) Discuss Employment Policy and Security Policy in detail. [07]

OR

Q-1 (A) Discuss about Security Modes of Operation in depth. [08]

(B) Describe Physical Memory, Hard-Disk, Optical-Disk and Magnetic tape. [07]

Q-2 (A) What is Access Control? Explain Access Control Mechanism and its Techniques. [10]

(B) What is Auditing? Discuss Component to Audit concept. [05]

OR

Q-2 (A) Write a brief note on Authentication concept. [10]

(B) What is Monitoring? Discuss Component to Monitor concept. [05]

Q-3 (A) Define Attack. Give the brief concept about Malicious Code Attack. [10]

(B) Write a note on Password Attack. [05]

OR

Q-3 (A) Define E-Mail Security. Give the brief concept about Web Security. [10]

(B) Discuss Software Exploitation and Buffer Overflow in detail. [05]

Q-4 (A) Explain Router and Switch concept with its Benefits/Vulnerabilities in detail. [10]

(B) Write a note on RAS (Remote Access Security). [05]

OR

Q-4 (A) What is Intrusion Detection? Discuss Network Based, Host Based and Application Based IDS concept with its Pros and Cons. [10]

(B) Explain Benefits/Vulnerabilities of Co-axial Cable and Twisted Pair Cable. [05]



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