

[A6]

SARDAR PATEL UNIVERSITY

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

Tuesday, 7th April, 2015

10:30 A.M. TO 12:30 P.M.

UM06CBB101: INFORMATION SECURITY

Note: Figures to the right indicate Marks.

Maximum Marks: 60

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- Q-1 (A) Describe **Security Development Life Cycle** in brief. [10]
 (B) **Explain the following:** [05]
 1)Floppy Disk 2)Optical Disk 3)Primary Storage 4)Tertiary Storage 5)Physical Memory
- OR
- Q-1 (A) Describe **Policies and Practices** in brief. [10]
 (B) Discuss **Security Modes of Operation.** [05]
- Q-2 (A) Define **Access Control**. Explain **Access Control Mechanism** and its **Techniques.** [10]
 (B) Explain the **Reasons for why Control Access** and **Types of Access Control.** [05]
- OR
- Q-2 (A) What is **Auditing?** Explain **Audit Characteristics, Components to Audit** and **Conducting Auditing / Security Review** in detail. [10]
 (B) Define **Authentication**. Explain **Username & Password** and **CHAP Authentication Process.** [05]
- Q-3 (A) What is **Attack?** Explain the brief concept about **Malicious Code Attack.** [10]
 (B) Write a note on **Password Attack.** [05]
- OR
- Q-3 (A) Define **E-mail Security**. Explain **Web Security** concept in brief. [10]
 (B) Explain **Spoofing** and **TCP/IP Hijacking** Concept in brief. [05]
- Q-4 (A) Define **Media Based Security**. Explain the **Benefits/Vulnerabilities** of **Co-axial Cable, Twisted Pair Cable** and **Fiber Optic Cable.** [10]
 (B) Explain the following with its **Benefits/Vulnerabilities.** [05]
 1) **Magnetic Taps** 2) **Hard Drives**
- OR
- Q-4 (A) Define **Wireless**. Explain the brief concept about **Routers** and **Switches** with its **Benefits/Vulnerabilities.** [10]
 (B) Explain the following with its **Advantages and Disadvantages.** [05]
 1) **Host-Based IDS Characteristic** 2) **Application-Based IDS Characteristic**

BEST WISHES
