

**S.D.E.**  
**M.B.A. (IT) SEM – V (2010 COURSE) (3 YEAR COURSE) :**  
**WINTER - 2017**  
**SUBJECT: INFORMATION SYSTEMS AUDIT**

Day: **Friday**  
Date: **15/12/2017**

Time: **10.00 A.M. TO 1.00 P.M.**  
Max. Marks: 70

**W-2017-4364**

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**N.B.:**

- 1) Answer any **FOUR** questions from Section –I and any **TWO** questions from Section –II.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Answers to both the sections should be written in **SEPARATE** answer book.
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**SECTION-I**

- Q.1** What are security principles? Explain difference between administrative, technical and physical controls. **(10)**
- Q.2** What are possible threats to access control practices? Explain different identification methods for access controls. **(10)**
- Q.3** What are types of attacks on cryptosystems? Explain one hashing algorithm. **(10)**
- Q.4** Explain different personnel and organizational security issues. **(10)**
- Q.5** Write short notes on any **TWO** of the following: **(10)**
- a) Information warfare
  - b) Hot site
  - c) Cryptography

**SECTION-II**

- Q.6** You are a security analyst in an IT organization. Identify different risks for organization. How you will analyze and manage the risks. **(15)**
- Q.7** What are different risks and threats to physical and environmental security of a system? Explain different measures to be taken to ensure the security of the system. **(15)**
- Q.8** Explain security system used for telecommunication and networking. **(15)**