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Shree Damodar College of Commerce & Economics, Margao, Goa  
First Year – Bachelor of Business Studies – Semester I  
End Semester Examination – *April* 2016

Cyber Security

Duration : 2 Hours

Marks : 60

**Instructions :**

1. *Figures to the right indicate maximum marks*
2. *Start each new question on a new page*

**Q1. Write short notes on the following:**

4x3 = 12

- a. Classification of Information by Characteristics

**OR**

Physical Security Policy

- b. Operational Security in telecom Sector
- c. Risks involved in e-commerce

**Q2. Write short notes on the following:**

4x3 = 12

- a. Public Sector Organization

**OR**

IT Security in IT industry including software

- b. ISO
- c. E-mail policy

**Q3. Answer the following:**

6x2 = 12

- a. Explain the section 43A and section 79 of the IT commandment Act 2008.
- b. Explain the following software testing techniques
  - i. System testing
  - ii. Integration Testing
  - iii. Install/Uninstall Testing

**OR**

Explain the following Physical Security mechanisms

- i. HR
- ii. Fire Extinguisher

**Q4. Answer the following:**

**6x2 = 12**

- a. Explain the concepts of Risk Metrics and downstream liability.
- b. Explain the common e-commerce security tools.

**OR**

What are the malicious threats to e-commerce? Mention any 4 elements of your website that can be protected

**Q5. Define the following terms:**

**2x6 = 12**

- a. Top-down approach of framing an IT policy
- b. Vulnerability
- c. Trapdoor
- d. Cryptography
- e. Corporate IT Security Policy
- f. Cloud Computing