

Vidya Vikas Mandal's
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