

Shree Damodar College of Commerce & Economics, Margao  
First Year B.Com Semester II, Supplementary Examination, May/June 2019  
Computer Applications- II (Generic Elective-2)

Duration : 2 Hours

Max. Marks : 60

**Instructions :**

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

**Q1. Write a short note on (any 3)**

(3x4 =12 MKS)

- a. Wide Area Network
- b. Digital Wallets
- c. Identity theft
- d. Denial of Service Attack
- e. Characteristics of a good password
- f. CERT-IN and its functions

**Q2. Answer the following questions (any two)**

(2x6=12 MKS)

- a. Write a note on Communication software
- b. Explain the functions of the following network devices:  
(i) Repeaters (ii) Switches (iii) Routers
- c. Explain the features of Local Area Networks and Metropolitan Area Networks

**Q3. Answer the following questions (any two)**

(2x6=12 MKS)

- a. Define E-commerce. Explain the generic trade cycle with a neat diagram
- b. What are the typical signs of a fake website that an Internet user needs to be aware of? Explain
- c. What are the advantages of E-retail? Explain the functions of a 'shopping cart' on an E-retail website.

**Q4. Answer the following questions (any two)**

(2x6=12 MKS)

- a. What is Malware? Explain how the following malwares affect our systems  
(i) Computer Viruses (ii) Spyware (iii) Computer Worms
- b. What is cyber warfare? What is the infrastructure targeted in a cyber war attack
- c. What are Intellectual Property Rights? Explain the different categories and crimes related to IPRs

**Q5. Answer the following questions (any two)**

(2x6=12 MKS)

- a. Explain the significance of Secure Socket Layer security for a website and Digital Signatures.
- b. Write a note on (i) Electronic evidence (ii) Data recovery
- c. What is meant by Media Sanitization? Explain the various sanitization techniques used.