

**VVM's Shree Damodar College of Commerce & Economics, Margao**  
**First Year B.Com - Semester I (OLD SYLLABUS)**  
**End Semester Examination, October 2015**

**Information Technology**

**Duration : 2 Hours**

**Max. Marks : 80**

**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 4) (4x4 =16 MKS)**
- a. Applications of IT in Business
  - b. Application of IT in Mobile phones
  - c. File Formats
  - d. Memory cards
  - e. Machine Language
  - f. Ergonomics
- Q2. Write a short note on (any 4) (4x4=16 MKS)**
- a. Microwave systems
  - b. Local Area Network
  - c. Firewall
  - d. Wireless Network
  - e. Freeware and Open Source Software
  - f. Client-Server Networks
- Q3. Answer the following questions (any two) (2x6=12 MKS)**
- a. What are the interesting developments of IT in the education sector? Explain.
  - b. Write a note on qualities of information.
  - c. What is meant by data backup? Explain the basic types of data backups.
- Q4. Answer the following questions (any two) (2x6=12 MKS)**
- a. What is an Operating System? Explain its functions.
  - b. Explain the features of any 2 PC operating systems..
  - c. Write a note on Application software and System software.
- Q5. Answer the following questions (any two) (2x6=12 MKS)**
- a. What is a computer network? Why is there a need to setup a computer network in an organization?
  - b. What is a transmission media? Give the features of commonly used wired media in a computer network.
  - c. Explain the different types of Internet access methods available to users.
- Q6. Answer the following questions (any two) (2x6=12 MKS)**
- a. Write a note on Intellectual Property Rights
  - b. Explain the 2 widely used encryption methods.
  - c. What is a virtual private network? What are its essential features and benefits to an organisation