

Vidya Vikas Mandal's
Shree Damodar College of Commerce & Economics, Margao
First Year B.Com Semester I End Examination, October 2016
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. Application of computers in Education
- b. Application of computers in Medicine
- c. Features of External Hard disks and Solid state drives
- d. Application Software
- e. File properties used during data backup
- f. Online Operating systems

Q2. Write a short note on (any 4)

(4x4=16 MKS)

- a. Streaming media
- b. Features of Authoring software's
- c. Electronic Data Interchange
- d. Electronic Retail
- e. Mobile Commerce
- f. Open source software

Q3. Answer the following questions (any two)

(2x6=12 MKS)

- a. Explain the use of computers in Science and Engineering
- b. What is meant by online backup? State its advantages and disadvantages.
- c. What is file compression? How is it done? Explain lossy and lossless compression techniques.

Q4. Answer the following questions (any two)

(2x6=12 MKS)

- a. What is a programming language? Explain the advantages and disadvantages of Low level and High level languages.
- b. What are the important functions of an Operating system? Explain the various types of user interfaces available in an Operating system
- c. Explain the features of any 3 operating systems used on Personal Computers.

Q5. Answer the following questions (any two)

(2x6=12 MKS)

- a. Explain the multimedia production process.
- b. How is animation done? Explain the following concepts used in animation: morphing and tweening.
- c. Explain the use of multimedia in (i) Entertainment (ii) Public Access

Q6. Answer the following questions (any two)

(2x6=12 MKS)

- a. Define the term 'E-Commerce'. Write a note on Business to Consumer E-Commerce.
- b. What is software piracy? Explain the issues related to violation of the Copyright Act.
- c. Explain the features of E-banking. How is security ensured in E-banking transactions?