VVM's Shree Damodar College of Commerce & Economics, Margao
First Year B.Com - Semester I
End Semester Examination, October 2015 (revised syllabus w.e.f 2013-14)

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 Entertainment
b. Components of Information Technology
c. BluRay discs
d. Application Software
e. User interfaces provided by an operating system
f. Binary Coding schemes

Q2. Write a short note on (any 4) **(4x4=16 MKS)**

a. Interfame and Intraframe compression
b. Streaming media
c. Electronic Data Interchange
d. Scope of E-Commerce
e. Credit card based payment method
f. Open source software

Q3. Answer the following questions (any two) **(2x6=12 MKS)**

a. What is meant by online backup? State its advantages and disadvantages.
b. Explain the role of computers in
   (i) Science and Engineering (ii) Medicine
c. Write a note on flash memories.

Q4. Answer the following questions (any two) **(2x6=12 MKS)**

a. What is a programming language? Differentiate between Low level and High level languages.
b. Write a note on (i) Mobile operating systems (ii) Online Operating systems
c. Explain the terms 'Human Computer Interaction' and 'Ergonomics'.

Q5. Answer the following questions (any two) **(2x6=12 MKS)**

a. Explain the multimedia production process.
b. Explain the use of multimedia in (i) Education (ii) Public Access
c. Explain the different models of E-Commerce.

Q6. Answer the following questions (any two) **(2x6=12 MKS)**

a. Explain the steps involved in a trade cycle. Which are the 3 generic trade cycles? Explain.
b. Explain the features of E-banking. How is security ensured in E-banking?
c. What is the significance of Intellectual Property Rights? Explain the provisions of the Copyright Act.