

Goa Vidyaprasarak Mandal's  
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE & ECONOMICS  
PONDA-GOA  
B.COM. (SEMESTER - I ) SUPPLEMENTARY EXAMINATION , MAY/JUNE 2016  
**INFORMATION TECHNOLOGY**

Duration: 2 hours

Marks: 80

Instructions:

1. All questions are compulsory. 2. Draw diagrams wherever necessary.

**Q.1** Answer any four of the following : (4x4=16)

- A. Write a short note on Application of IT in Education.
- B. State and explain the Qualities of Information.
- C. What is Multimedia? Briefly explain the process of Multimedia production.
- D. Define Operating System. What are the features of Windows operating system?
- E. Explain the process of EDI with an example.

**Q.2** Answer any four of the following : (4x4=16)

- A. State one point of difference between each of the following.
  - i. Primary memory and Secondary memory.
  - ii. SRAM and DRAM
  - iii. Application software and System software
  - iv. Assembly language and Machine language
- B. State and explain any two data device interface standards.
- C. What are High level languages? Describe briefly.
- D. Write a note on Hard Disk.
- E. What are the features of Mathematical Computation packages?

**Q.3** A. Explain the use of Multimedia in Entertainment (6)

B. What is E-Marketing? What are its advantages and disadvantages? (6)

OR

**Q.3** X. Convert the following binary numbers to decimal numbers. (6)

i.  $(11001.101)_2$       ii.  $(1101011.11)_2$       iii.  $(101011)_2$

Y. Explain any 6 commandments of Computer ethics. (6)

**Q.4** A. Give full forms of the following. (6)

- i. USB      ii. DVDROM      iii. HCI
- iv. BASIC      v. GIF      vi. EDI

contd....2/-

B. Define Assembler, Compiler and Interpreter. Distinguish between Compiler and Interpreter. (6)

OR

**Q.4** X. Convert the following decimal numbers to binary numbers. (6)

i.  $(70.25)_{10}$     ii.  $(500.75)_{10}$     iii.  $(40.33)_{10}$

Y. Describe the development of Linux OS. (6)

**Q.5** A. What are the different types of E-commerce? (6)

B. What are the different techniques of file compression. Explain. (6)

OR

**Q.5** X. Describe the features of Spreadsheet software. (6)

Y. Briefly explain Software licensing. (6)

**Q.6** Write short notes on **any three** of the following: (4x3=12)

- |                  |            |                |
|------------------|------------|----------------|
| i. Credit card   | ii. Java   | iii. Online OS |
| iv. Blu Ray Disk | v. Unicode |                |

\*\*\*\*\*ALL THE BEST\*\*\*\*\*