

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

**Duration: 2 hours**

**Marks: 80**

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**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. Give and explain the Block Diagram of a Computer.
- C. What are the different types of E- Commerce?
- D. What is Multimedia? What are the elements of Multimedia?
- E. Define Operating System. State and explain its functions.

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

- A. State one point of difference between each of the following.
  - i. Machine language and Assembly language
  - ii. SRAM and DRAM
  - iii. Compiler and Interpreter
  - iv. System software and Application software
- B. Write a short note on Java programming language.
- C. Write a note on Mathematical Computation packages.
- D. What are the different types of Compact Disks?
- E. What are the advantages of Online Backup?

**Q.3** A.What are the benefits of EDI? (6)

B. Explain the use of Multimedia in Entertainment . (6)

**OR**

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

- i.  $(11001)_2$       ii.  $(1101011.11)_2$       iii.  $(110110)_2$

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

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

- i. SCSI      ii. RAID      iii. HCI  
iv. SDRAM    v. PROM      vi. EBCDIC

**B.** State and Explain the phases of multimedia production process. (6)

**OR**

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

- i.  $(220)_{10}$       ii.  $(15.32)_{10}$       iii.  $(100.25)_{10}$

**Y.** What are the advantages and limitations of assembly language. (6)

**Q.5 A.** Distinguish between Windows and Linux Operating Systems. (6)

**B.** Write a note on Software licensing. (6)

**OR**

**Q.5 X.** What are the advantages of E- Marketing? (6)

**Y.** Write a note on Hard Disk. (6)

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

- i. Unicode      ii. Blue Ray Disk      iii. Disk partitioning  
iv. Cache Memory    v. Intellectual Property Rights

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