Information Technology (New Course)

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. Role of computers in medicine
   b. Data organization in a computer
   c. Types of data processed by a computer
   d. Local data backups
   e. Magnetic memory and Solid state drives
   f. Virtual Machine

Q2. Write a short note on   (any 4)   (4x4=16 MKS)
   a. Types of Audio that can be used in multimedia
   b. Streaming media and Internet Live stream
   c. E-Commerce and the trade cycle
   d. Typical signs of a fake e-mail
   e. E-retail
   f. Software piracy

Q3. Answer the following questions (any two)   (2x6=12 MKS)
   a. Define the term 'Information Technology'. Explain the important qualities that make information useful in decision making.
   b. What is the importance of data backup? State the advantages and disadvantages of online backup.
   c. Explain the role of Computers in the Entertainment industry.

Q4. Answer the following questions (any two)   (2x6=12 MKS)
   a. What is a programming language? Explain the features of the major types of programming languages.
   b. Write a note on System Software.
   c. Explain the features of Mobile Operating Systems and Online Operating Systems.

Q5. Answer the following questions (any two)   (2x6=12 MKS)
   a. Explain the multimedia production process.
   b. What are the elements of multimedia? Explain the role played by each element in a multimedia project
   c. Explain the different models of E-Commerce.

Q6. Answer the following questions (any two)   (2x6=12 MKS)
   a. Explain the ten commandments of computer ethics.
   b. Explain the different electronic payment systems that can be used in E-Commerce.
   c. Write a note on mobile commerce.