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 Entertainment.

   B. Distinguish between RAM and ROM.

   C. Give and explain four functions of operating system.

   D. What is Multimedia? What are the elements of Multimedia?

   E. Give and explain any four benefits of EDI.

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. EPROM and EEPROM
      iii. Data and Information
      iv. Primary and Secondary Memory

   B. Write a short note on Java programming language.

   C. What do you mean by backup policy?

   D. Write a note on HCI.

   E. What are the different types of Compact Disks?

Q.3 A. Write a note on RAID.   (6)
   B. Explain Tweening and Morphing in Multimedia using an example.   (6)
                              OR
Q.3 X. Convert the following binary numbers to decimal numbers.   (6)

   i. $(110101)_2$ ii. $(1101011.11)_2$ iii. $(10101100)_2$

   Y. What are the advantages and limitations of high level languages?   (6)

Q.4 A. Give full forms of the following.   (6)
      i.   EDI   ii. PROM   iii. IPR
      iv. FORTRAN v. RAID   vi. ASCII

   B. Explain the phases of multimedia production process.   (6)
                              OR

P.T.O.

Q.4 X. Convert the following decimal numbers to binary numbers. (6)
i.$(121.75)_{10}$ ii. $(442)_{10}$ iii. $(160)_{10}$

Y. What are the advantages of E-banking? (6)

Q.5 A. Give the advantages of E-Markets. (6)
B. Explain any 6 commandments of Computer ethics. (6)
OR
Q.5 X. What are the different types of E-payment systems? (6)
Y. State and explain the features of Windows operating system. (6)

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

i. Unicode   ii. Plagiarism   iii. Online OS
iv. Hard Disk

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