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Roll No.

TBC/TTBI-603(A)

**B. C. A./B. SC. (IT)
(SIXTH SEMESTER)**

**MID SEMESTER EXAMINATION, 2021
MULTIMEDIA TECHNOLOGY AND
APPLICATIONS**

Time : 1½ Hours

Maximum Marks : 50

**Note : (i) Answer all the questions by choosing
any *one* of the sub-questions.**

(ii) Each question carries 10 marks.

**1. (a) Define multimedia. Discuss different
multimedia elements. Determine the
different applications areas of multimedia.**

10 Marks (CO1)

OR

**(b) Describe the different input and output
devices used in multimedia.**

10 Marks (CO1)

(2) TBC/TBI-603(A)

2. (a) Explain multimedia authoring. Discuss the types of authoring tools used in multimedia projects. List their advantages and disadvantages. 10 Marks (CO1)

OR

- (b) Differentiate linear and non-linear multimedia. Explain each one of them with proper examples. 10 Marks (CO1)

3. (a) Differentiate between hypertext and hypermedia with the help of examples. 10 Marks (CO1)

OR

- (b) Why we use multimedia database systems ?

Discuss different types of multimedia database systems. Name various contents of a multimedia database. 10 Marks (CO2)

4. (a) Identify the use of multiple monitors in multimedia. List the advantages and disadvantages of using multiple monitors. 10 Marks (CO2)

(3)

OR

- (b) Differentiate between raster and vector graphics. Outline the various formats (extensions) of images used in multimedia. 10 Marks (CO2)

5. (a) Explain different color models used in multimedia. Also, mention how we are able to see various colors with our eyes. 10 Marks (CO2)

OR

- (b) Explain multimedia broadcast service. Illustrate different video standards used in multimedia projects. 10 Marks (CO2)