



**D 11252**

Name.....

Reg. No.....

**SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION  
DECEMBER 2005**

**IT 2K 702—COMPUTER GRAPHICS AND MULTIMEDIA**

Time : Three Hours

Maximum : 100 Marks

*Answer all questions.*

**Part A**

1. Explain the basic techniques for generating characters.
2. Explain the text interaction text.
3. Explain the features of image Editing Tool.
4. What are the devices used for communication ? Explain any *two* devices briefly.
5. What are the advantages and disadvantages of MIDI.
6. Describe the steps involved in image recognition.
7. What is PX 64 ? Explain the features of H .261 briefly.
8. How the data types of a database are integrated ?

(8 × 5 = 40 marks)

**Part B**

1. Describe the matrix representation of 2D Transformations.

*Or*

2. Explain the different ways of generating circles.
3. Give the classification of storage devices. Explain the working of each type.

*Or*

4. Explain any *three* types of authoring tools.
5. Describe the features of music instrument digital interface.

*Or*

6. Describe the techniques used for animation. Explain the file formats for animation.
7. Describe the features of MPEG standards.

*Or*

8. Describe the examples of multimedia structures.

(4 × 15 = 60 marks)