C 5519

SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION JUNE 2010

IT 04 704–COMPUTER GRAPHICS AND MULTIMEDIA

(2004 admissions)

Time : Three Hours   Maximum : 100 Marks

I.   1 State about Computer aided drafting and design.

2 Draw and write the syntax for eight symmetrical points on a circle.

3 Write short note about multimedia.

4 What is meant by strongly periodic and weakly periodic ?

5 Represent the key components for sound.

6 Write short note about system messages in MIDI.

7 What is meant by RDBMS ?

8 Discuss about quantization.

(8 × 5 = 40 marks)

II. (a) Explain about Display System Architecture in detail.   (15 marks)

Or

(b) Discuss briefly about window to viewport transformations.   (15 marks)

III. (a) Write about different criteria of mediums.   (15 marks)

Or

(b) Explain the properties of multimedia systems.   (15 marks)

IV. (a) How the Speech is analyzed and transmitted ?   (15 marks)

Or

(b) Explain briefly about MIDI.   (15 marks)

V.   (a) Explain in detail about H.261.   (15 marks)

Or

(b) Discuss about data structure and how the datas are stored and maintained.   (15 marks)

[4 × 15 = 60 marks]