Bachelor of Science (B.Sc. I.T.) Semester-I (C.B.S.) Examination
MULTIMEDIA APPLICATION DEVELOPMENT
Paper—V

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1) All questions are compulsory and carry equal marks.
        (2) Draw well labelled diagrams wherever necessary.

EITHER

1. (A) Discuss the color models in video.   5
   (B) Differentiate between multimedia and hypermedia.   5
   OR
   (C) Explain the image data types with example.   5
   (D) Write the process of macromedia flash in detail.   5

EITHER

2. (A) What are the types of video signals ?   5
   (B) Explain the overview of MIDI with example.   5
   OR
   (C) What is sound ? Explain digitization.   5
   (D) Write the concept of NTSC video with suitable example.   5

EITHER

3. (A) Describe the symbols and instances.   5
   (B) Discuss the timelines and frames with example.   5
   OR
   (C) Explain interfaces in detail.   5
   (D) Explain the packages with suitable example.   5

EITHER

4. (A) Describe the Dictionary based coding.   5
   (B) What do you mean by lossless image compression ?   5
   OR
   (C) Describe Wavelet based coding.   5
   (D) What is Wavelet packets ? How does it work ?   5

5. Attempt all :
   (A) What do you mean by 8-bit grey level images ?   2½
   (B) Write note on PAL video and SECAM video.   2½
   (C) What is the use of authoring an action script 2.0 subclass ?   2½
   (D) What is Shanon-Fano algorithm ?   2½