

**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. :—** (i) **All** questions are compulsory and carry equal marks.  
(ii) Draw neat and labelled diagram wherever necessary.

**EITHER**

1. (A) What is hypermedia ? Explain its with suitable example. 5  
(B) Describe colour models in images. 5

**OR**

- (C) Explain how graphics data type is represented. 5  
(D) Write notes on :  
(i) Motion picture  
(ii) Frame rate. 5

**EITHER**

2. (A) What is quantization ? Explain. 5  
(B) Explain :  
(i) Analog video  
(ii) Digital video. 5

**OR**

- (C) What is video signal ? Describe types of video signals. 5  
(D) Explain with example MIDI. 5

**EITHER**

3. (A) What is Action Script ? Explain. 5  
(B) Write notes on in context to Action Script 2.0 :  
(i) Subclass  
(ii) Packages. 5

**OR**

- (C) Describe various features of Action Script-I. 5  
(D) Write a procedure in Action Script-II to describe inheritance features. 5

**EITHER**

4. (A) What is frame work in application development ? 5  
(B) Describe lossless compression algorithm. 5

**OR**

- (C) What is Action Script Movie Clip Subclass ? Explain. 5  
(D) Write notes on :  
(i) Dictionary based coding  
(ii) Arithmetic coding. 5
5. Attempt **all** :  
(A) Describe in short colour model in video. 2½  
(B) What is digitization of sound ? Explain. 2½  
(C) Describe exception of Action Script-II. 2½  
(D) What is coefficient set partitioning ? Explain. 2½