

Bachelor of Science (B.Sc. I.T.) Semester–I Examination
MULTIMEDIA APPLICATION DEVELOPMENT
Paper–V

Time : Three Hours]

[Maximum Marks : 50

Note :—(1) All questions are compulsory.

(2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (a) Explain the HTML and XML in detail. 5
- (b) What do you mean by animation and multimedia authoring ? 5

OR

- (c) What is GIF file ? Explain. 5
- (d) What is gamma correction ? 5

EITHER

2. (a) Explain the different types of video signals. 5
- (b) Write a short note on HDTV. 5

OR

- (c) What are synthetic sounds ? 5
- (d) What is MIDI ? Explain. 5

EITHER

3. (a) Write down the features of ActionScripts. 5
- (b) What are the datatypes used in ActionScripts ? 5

OR

- (c) How are exceptions handled in ActionScripts ? 5
- (d) Explain inheritance in ActionScripts. 5

EITHER

4. (a) Explain the Shannon Fano algorithm. 5
- (b) What is Huffman coding ? 5

OR

- (c) Explain lossless JPEG. 5
- (d) What is quantization ? Explain in detail. 5
5. (a) What is digital audio ? 2½
- (b) What is chroma sub sampling ? 2½
- (c) Explain uncaught exceptions. 2½
- (d) Explain rate distortion theory. 2½