

BACHELOR IN COMPUTER APPLICATIONS

Term-End Examination

June, 2008

CS-66 : MULTIMEDIA

Time : 2 hours

Maximum Marks : 60

Note : Question number 1 is **compulsory**. Attempt any **three** questions from the rest.

1. (a) What is morphing ? How is it similar to/different from warping ? 5
- (b) What is the method of storing images in vector format ? Explain its advantages. 5
- (c) What is Sampling ? How is it used in digital video ? Explain. 5
- (d) Differentiate between Scenario based and Knowledge based simulations. 5
- (e) How does the scripting language program facilitate multimedia creation ? 5
- (f) Explain the 'compressors' and 'timing mechanism' of Quick Time Software. 5
2. List the hardware and software components essential for professional multimedia development. Also, justify the purpose and need of each of the hardware components. 10

3. (a) What is hypertext ? Give its applications in teaching of foreign languages. 5
- (b) What are the different functions provided by most of the authoring software ? Explain. 5
4. (a) "Multimedia is stronger than multiple-media as it is interactive in nature." Comment and justify the statement. 5
- (b) Explain the important features of Flash Software. 5
5. (a) What is meant by built-in programming language ? Give any two examples of built-in programming languages in context to hypertext systems. 5
- (b) Explain the processes involved in planning of multimedia application. 5