

BACHELOR OF COMPUTER APPLICATIONS
02324 **(Pre-Revised)**

Term-End Examination
December, 2014

CS-66 : MULTIMEDIA

Time : 2 hours

Maximum Marks : 60

Note : *Question number 1 is compulsory and carries 30 marks. Attempt any three questions from the rest.*

1. (a) What is multimedia ? Why is it required in Education ? Explain with the help of an example application. List the various Input/Output devices that are required in a multimedia computer. Give purpose/use of each of these I/O devices. 10
- (b) Explain any two uses of multimedia in Medical Sciences. 7
- (c) What is an Authoring software in the context of multimedia ? Explain any three features that should be supported by an Authoring software. 7

- (d) Explain the following steps of the process of multimedia application development with the help of an example : 6
- (i) Defining the goal of multimedia application
 - (ii) Outlining multimedia project
 - (iii) Developing a logic flow chart of proposed multimedia.
2. Explain the purpose/use of the following components in a multimedia system : 10
- (a) Textual information
 - (b) Bitmap and Vector images
 - (c) Morphing and Warping
 - (d) MIDI and WAV files
3. How can multimedia be used for offices of a company that are geographically distant ? Explain any two examples of such use of multimedia. 10
4. What is Hypertext ? How are hypertext documents structured together ? Explain with the help of an example. Explain any two major applications of use of hypertext/hypermedia. 10

5. Explain the following in the context of multimedia :

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- (a) Video compression format
 - (b) Copyright issues in multimedia production
 - (c) Storyboarding in the context of multimedia production
 - (d) Authoring tools
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