

**BACHELOR OF COMPUTER
APPLICATIONS (PRE - REVISED)**

Term-End Examination

December, 2013

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 a Sound Card ? Explain its principle and working. 5
- (b) List any five facilities that need to be supported by a multimedia network for educational services. 5
- (c) Explain the method of storing images in vector format. Also, write its advantages (if any). 5
- (d) Compare and contrast between knowledge based and scenario based simulations. 5
- (e) What is video-conferencing ? Give its advantages for business industry. 5
- (f) Explain the processes involved in planning of any multimedia application. 5

2. (a) Explain the important features of Quick Time software used for developing multimedia applications. 5
- (b) Discuss the role of multimedia in knowledge transfer with the help of an example. 5
3. (a) Describe the ways in which contents can be formatted and delivered in a Multimedia Authoring System. 5
- (b) What is MIDI ? What features of MIDI makes it suitable for multimedia applications ? 5
4. (a) Why 'compression' is necessary for multimedia data ? Explain some compression formats available for multimedia data like graphics, video and images. 7
- (b) What is meant by multimedia and Hypermedia ? Also, distinguish between them. 3
5. Write short notes on the following : 10
- (a) Flash Software
- (b) Morphing
- (c) Photoshop Software
- (d) Animation
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