

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

Term-End Examination

CS - 66 : MULTIMEDIA

Time : 2 Hours

[Maximum Marks : 60

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

1. a) List the steps of planning of a multimedia application. You need to develop a multimedia application for showcasing activities of a School, define the goals and develop a flow chart for this application. Also suggest what video, audio & image you may like to use for this multimedia. 10
- b) Explain any five features that should be present in an authoring tool. 5
- c) Differentiate between the following in the context of multimedia: 15
- (i) Voice mail and e-mail
 - (ii) Audio conferencing and document conferencing
 - (iii) Bitmap images and Vector images

- (iv) CD-ROM and DVD
 - (v) Links and Buttons
2. Explain the importance of following in the context of multimedia building blocks: 10
- (i) Text
 - (ii) Graphics
 - (iii) Charts and Organisational Charts
 - (iv) Digital Video
3. a) What is MIDI? How can it be useful in a multimedia application? Compare and contrast MIDI with .wav file format. 5
- b) What is cel based animation? Explain the morphing and warping of images. 5
4. a) How can multimedia be useful in publishing industry? Explain with the help of an example. 5
- b) Explain the role of multimedia in distributed learning environment. 5
5. Explain the following giving one example, if needed in context of multimedia. 10
- a) Video compression
 - b) Hypertext
 - c) Browser
 - d) Sound card
 - e) Simulations