

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

Term-End Examination

June, 2015

01093

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) Explain the role of graphics as

- Background
- Pictures/photographs
- Charts of different kinds

in multimedia applications. List their resources. List the major issues that you should consider while using different kinds of information.

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(b) Explain the following terms in the context of hypertext with the help of one example :

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- (i) Node
- (ii) Links
- (iii) Annotations
- (iv) Trials

- (c) Explain the use of multimedia for Railways or Roadways industry. 6
- (d) What are the different media that can be used for distribution of multimedia applications? 4
- (e) Create an outline of multimedia contents for teaching operators in C programming. 4
2. Describe the following stages of multimedia development with the help of an example each : 10
- (a) Developing a logic flow-chart
- (b) Creating a button details template
- (c) Copyright issues of multimedia contents
3. (a) Why do you need an authoring software? Explain the characteristics of any one authoring software. 6
- (b) Explain the meaning of "Cross platform capability" and "Run-time player for distribution" in the context of authoring software. 4
4. Give the advantages/shortcomings of multimedia in the context of the following applications/processes : 10
- (a) Collaboration
- (b) Learning
- (c) Real-time communication
- (d) Deferred communication

5. Explain the following in the context of multimedia and its applications :

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- (a) Animation
 - (b) Audio Compression
 - (c) JPEG and MPEG
 - (d) Graphics Acceleration
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