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(Printed Pages 3)

Roll No. _____

SFS-4707

B.C.A. (Semester-IV) Examination, 2015

(Old Course)

Multimedia Concept and Application

(BCA-405)

Time Allowed : Three Hours] [Maximum Marks : 100

Note : Answer five questions in all. Question No. 1 is compulsory. Attempt one question from each Unit.

1. Answer all : 10×4=40
- (a) Write the hardware & software requirements for multimedia project. Explain any requirement.
 - (b) Explain Hypermedia in detail.
 - (c) Define hypertext with example.
 - (d) Discuss the characteristics of authoring tool.

P.T.O.

(2)

- (e) Briefly explain Quick time.
- (f) Explain animation with one of its types.
- (g) Define bitmap image with appropriate diagram.
- (h) What do you mean by Rendering?
- (i) Write short note on MPEG.
- (j) Write short notes on AVI.

Unit-I

- 2. What do you mean by Story board. Design a Story board for Lucknow University - Online admission system. 15
- 3. Explain the Multimedia Concepts with its different elements in detail. 15

Unit-II

- 4. Write short notes on - $2 \times 7\frac{1}{2}$
 - (i) Script Language Programs
 - (ii) Icon based programs
- 5. Write short notes on - $2 \times 7\frac{1}{2} = 15$
 - (i) Averest Authoring System
 - (ii) Authorware

(3)

Unit-III

- 6. Explain four hypertext applications in detail. 15
- 7. (i) Explain copyright issues and its management. $7\frac{1}{2}$
(ii) Differentiate between 2D animation and 3D animation. $7\frac{1}{2}$

Unit-IV

- 8. Define the steps involved in developing Multimedia project with appropriate diagram. 15
- 9. (i) What are the different challenges in developing multimedia. $7\frac{1}{2}$
(ii) Write short notes on : $7\frac{1}{2}$
 - (a) Lossy Compression
 - (b) Lossless Compression