

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. & B.C.A. DEGREE EXAMINATION – COMPUTER SCIENCE & APPLICATIONS

SIXTH SEMESTER – APRIL 2018

CS 6612 / CA 6612– MULTIMEDIA TECHNOLOGIES

Date: 19-04-2018
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART - A

Answer All Questions:

(10 * 2 = 20)

1. Define Animation.
2. What is Persistence of vision?
3. Define Onion Skinning.
4. What is an Action Script?
5. What is 3D Animation?
6. List any 4 methods for creating 3D animation.
7. List any one advantage and disadvantage of Motion Caption.
8. What are the techniques for Motion Capturing?
9. Define Color Model.
10. List any four Audio formats.

PART - B

Answer All Questions:

(5 * 8 = 40)

11. a) Explain any 5 principles of animation.
(or)
b) Discuss about the special effects used in animation.
12. a) What are the steps for creating animation with multiple objects using layers in Flash?
(or)
b) Explain any 4 tools available in Flash.
13. a) Discuss about Texturing and Lighting of 3D Animation
(or)
b) Write notes on Kinetic 3D Animation and its usage.
14. a) Discuss about the usage of Motion Capturing technique in various fields.
(or)
b) Discuss about Script Animation usage with an example story.
15. a) Write notes on (i) RGB Model (ii) CMYK Model
(or)
b) Discuss about the budget allocation for multimedia production.

PART - C

Answer Any Two Questions

(2 * 20 = 40)

16.a) Discuss about the various techniques of animation.

b) Discuss about the steps involved in creating motion tweening based animation in Flash.

17.a) Write notes on a) 3D camera Track b) Applications of 3D animation

b) Explain the Optical Systems method for Motion Capturing.

18.a) Explain lossless audio compression techniques.

b) Describe the objects, properties, events and methods of ActionScript with an example.
