LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc., B.C.A. DEGREE EXAMINATION – **COMPUTER SCIENCE. & APP.**

SIXTH SEMESTER – **NOVEMBER 2016**

CS 6612/CA 6612 – MULTIMEDIA TECHNOLOGIES

Date: 15-11-2016   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART - A (10 * 2 = 20)

Answer All Questions

1. List the uses of Animation.

2. Define Stop Motion Animation

3. What is Frame by frame Animation?

4. What is the purpose of Onion Skinning?

5. What are the light sources for 3D applications?

6. What is Tessellation?

7. List any four Motion Capture file formats.

8. Give the names of any two movie in which motion capture technique has been used.

9. What are Device independent color models?

10. List any four video formats.

PART - B (5 * 8 = 40)

Answer All Questions

11. a) Discuss about the types of Animation.

(or)

b) Explain the basic principles of animation.

12. a) Describe objects, properties, events and methods as used in Action Script.

(or)

b) How can we animate multiple objects using layers?

13. a) Explain the types of 3D animation.

(or)

b) Discuss about Texturing and Lighting in 3D animation.

14. a) Discuss about the different languages of Script Animation.

(or)

b) What is Script Animation? Discuss its applications with an example.

15. a) Discuss about Gamma and Gamma Correction.

(or)

b) Explain any two color models used in multimedia.

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PART - C (2 * 20 = 40)

Answer Any TWO Questions

16. a) Discuss about the animation techniques. **(10)**
    b) What is Tween animation? Describe how it is produced in Flash. **(10)**

17. a) Discuss about 3D Camera Tracking. **(10)**
    b) What is Motion Capture? Discuss about the motion capture methods. **(10)**

18. a) Discuss the techniques of animation used in 3D movies. **(10)**
    b) Write notes on i) Masking   ii) Blue Screening iii) Morphing. **(10)**

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