LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – **COMPUTER SCIENCE**

SIXTH SEMESTER – **JUNE 2015**

CS 6612 - MULTIMEDIA TECHNOLOGIES

Date : 01/07/2015   Dept. No.   Max. : 100 Marks
Time : 10:00-01:00

PART- A

Answer ALL the questions: (10x2 = 20 Marks)

1.   What is animation?
2.   What is unique about animation?
3.   What are the types of tweening?
4.   What is frame based animation?
5.   What is the use of Back light?
6.   Why do we need kinetics?
7.   What is motion Caption?
8.   List any two usages of motion caption.
9.   What is Conceptualization?
10. What is storyboard?

PART – B

Answer ALL the questions: (5x8 = 40 Marks)

11.a) Write about cel animation and path animation.
              (OR)
   b) Write the steps to be followed in creating animation.

12. a) Explain the key frame method with example.
              (OR)
    b) How the Onion Skinning used to place a series of images?

13. a) Explain 3D Models & its Representation.
              (OR)
    b) Discuss about Texturing & Lighting of 3D Animation.

14. a) Describe the optical method in motion caption.
              (OR)
    b) What are the important features of Python?

15. a) Write about Device Independent Color Model.
              (OR)
    b) Explain the Gamma and Gamma Correction.

PART – C

Answer any TWO questions   (2x20 = 40 Marks)

16. a) Write the basic principles of animation.

   b) Discuss about the properties of timeline.

17. a) Write about (i) any two application of 3D animation (ii) any one software of 3D animation.

   b) Explain in detail (i) Motion capture software   (ii) Different language of script animation among the software.

18. a) Describe in detail about any two 3D Animated movies.

   b) Explain about   (i) Animation Layers.   (ii) Action Script.

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