



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – MULTIMEDIA AND ANIMATION

FIRST SEMESTER – APRIL 2022

UMM 1501 – PRINCIPLES OF ANIMATION

(21-BATCH ONLY)

Date: 15-06-2022

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

SECTION A

Answer ALL the Questions

(5 x 1 = 5 Marks)

1. **Define the following**

- | | | |
|--------------------------|----|-----|
| a) X Sheet | K1 | CO1 |
| b) Motion capture | K1 | CO1 |
| c) Stretch and squash | K1 | CO1 |
| d) Traditional animation | K1 | CO1 |
| e) Pixilation | K1 | CO1 |

2. **Fill in the blanks**

(5 x 1 = 5 Marks)

- | | | |
|---|----|-----|
| a) _____ is a simulation of movement created by displaying a series of pictures or frames | K1 | CO1 |
| b) _____ is combination of animation, text, audio and video | K1 | CO1 |
| c) <i>CGI Stands for</i> _____. | K1 | CO1 |
| d) The exposure sheet, also known as _____ | K1 | CO1 |
| e) _____ gave voice over for mickey mouse | K1 | CO1 |

3. **Match the following**

(5 x 1 = 5 Marks)

- | | | | |
|-----------------|-------------------------|----|-----|
| a) Pendulum | Prepare for next action | K2 | CO1 |
| b) Anticipation | Ease in and out | K2 | CO1 |
| c) Stop motion | Camera angle | K2 | CO1 |
| d) Eagle eye | Mickey Mouse | K2 | CO1 |
| e) Disney | Frame by frame | K2 | CO1 |

4. **TRUE or FALSE**

(5 x 1 = 5 Marks)

- | | | |
|--|----|-----|
| a) Multiplane camera was introduced by Walt Disney | K2 | CO1 |
| b) editing is a pre-production Process | K2 | CO1 |
| c) Walt Disney the father of animation. | K2 | CO1 |
| d) FPS stands for Frame per shot | K2 | CO1 |
| e) Story board is a post-production Process. | K2 | CO1 |

SECTION B

Answer any TWO of the following in 150 words

(2 x 10 = 20 Marks)

- | | | |
|--|----|-----|
| 5. Explain 2d animation Pre-production process | K3 | CO2 |
| 6. Explain 3d animation | K3 | CO2 |

- | | | |
|--|----|-----|
| 7. Elaborate Four camera angle | K3 | CO2 |
| 8. Write short note on the following with examples | K3 | CO2 |
| a. Traditional Animation | | |
| b. Stop motion Animation | | |

SECTION C

Answer any TWO of the following in 150 words

(2 x 10 = 20 Marks)

- | | | |
|---|----|-----|
| 9. Explain about Gertie the dinosaur and about Winsor mccay | K4 | CO3 |
| 10. Difference between 2d and 3d animation | K4 | CO3 |
| 11. Illustrate 4 different types of camera shots. | K4 | CO3 |
| 12. Analyse the growth and development of animation | K4 | CO3 |

SECTION D

Answer any ONE of the following in 250 words

(1 x 20 = 20 Marks)

- | | | |
|---|----|-----|
| 13. Explain 3d animation Production pipeline. | K5 | CO4 |
| 14. Explain the different types of animation | K5 | CO4 |

SECTION E

Answer any ONE of the following in 250 words

(1 x 20 = 20 Marks)

- | | | |
|---|----|-----|
| 15. Discuss the Future of animation in different Platforms. | K6 | CO5 |
| 16. Write short note on the following | K6 | CO5 |
| a. Timing | | |
| b. Slow in and slow out | | |
| c. Anticipation | | |
| d. Exaggeration | | |

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