



LOYOLA COLLEGE (AUTONOMOUS) CHENNAI – 600 034

B.Voc. DEGREE EXAMINATION – 3D ANIMATION

FIRST SEMESTER – NOVEMBER 2024

UAN 1501 – FUNDAMENTALS OF ANIMATION



Date: 09-11-2024

Dept. No.

Max. : 100 Marks

Time: 09:00 am-12:00 pm

SECTION A - K1 (CO1)

Answer ALL the Questions -

(10 x 1 = 10)

1. True or False

- a) Eadweard Muybridge photographed the sequence of movement from humans and animals.
- b) The classic definition of “moving in the opposite direction first” is applicable to Anticipation.
- c) The volume of the object does not change while animating the bouncing ball with Squash and Stretch.
- d) To create fluid, realistic movements, straight-ahead action is the best approach.
- e) "Overlapping action" is the tendency for parts of the body to move at different rates. Eg. An arm will move at different timing of the head and so on.

2. Match the following

- a) 1. Beauty and the Beast – A. Pixar Animation Studios
- b) 2. The Incredibles – B. Aardman Animations
- c) 3. Shrek – C. Studio Ghibli
- d) 4. Spirited Away. – D. DreamWorks Animation
- e) 5. Chicken Run – E. Walt Disney Animation Studios

SECTION A - K2 (CO1)

Answer ALL the Questions

(10 x 1 = 10)

3. Fill in the blanks

- a) The shot that makes the subject seem vulnerable or powerless when applied with the correct mood, setting, and effects is called _____
- b) FPS means _____
- c) _____ is an example of Claymation.
- d) _____ is the number of drawings / cels included in the Snow White and Seven Dwarfs Movie?
- e) Kinetoscope was invented by _____

4. MCQ

- a) Which is the first full length Animation movie created by Walt Disney?
 - A. Bambi
 - B. Snow White and the Seven Dwarfs
 - C. Cinderella
 - D. Pinocchio
- b) How many Frames Per Second is used in Animation Movies?
 - A. 12
 - B. 25
 - C. 24
 - D. 18

c)	Which type of animation is best suited for creating a flipbook animation? A. 3D Animation B. Frame-based 2D Animation C. Computer Animation D. Stop Motion Animation
d)	Choose the correct answer A. Animatics is part of the pre-production phase B. Coloring is part of the pre-production phase C. Scriptwriting is part of the post-production phase D. Editing is part of the production phase
e)	The device that had mirrors in the centre to view the animated images A. Zoetrope B. Thaumatrope C. Phenakistoscope D. Praxinoscope

SECTION B - K3 (CO2)

Answer any TWO of the following (2 x 10 = 20)

5.	Prepare a note on Pixar Animation studios, listing their animated movies and uniqueness.
6.	Show the relevance of the Early Animation Devices in the evolution of animation.
7.	Identify the contributions of the Disney animators 'Frank Thomas' and 'Ollie Johnston' to the field of Animation.
8.	Apply the essential elements of Story board for a 3 to 5 panel concept – Illustrate and explain.

SECTION C – K4 (CO3)

Answer any TWO of the following (2 x 10 = 20)

9.	Distinguish the various types of Stop motion animation and explain in detail.
10.	Explain – Key-frames, In-betweens, Clean-ups, Line Testing and X Sheet.
11.	Point out and explain the various charts related to character design and illustrate and explain character model sheet.
12.	Analyze the significance of Cel Animation discussing its culmination in the movie Snow White & the Seven Dwarfs.

SECTION D – K5 (CO4)

Answer any ONE of the following (1 x 20 = 20)

13.	Evaluate the 3 phases of 2D Animation production process with a short explanation of its steps.
14.	Summarize the different Camera angles, shots and Transition effects.

SECTION E – K6 (CO5)

Answer any ONE of the following (1 x 20 = 20)

15.	Formulate the importance of the 12 principles of animation and justify that they are crucial for both traditional and digital animations.
16.	Create a short story for the below situation applying "Three act structure": A group of kids discover a treasure...

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