2023

Fundamentals of Animation Design

Full Marks: 100

Time: Three hours

The figures in the margin indicate full marks for the questions.

*Answer **any five** questions.*

1. a) **Answer the following questions -**   5 x 3=15

    i)   What Is the Persistence of Vision?

    ii) What do you mean by the term frame and frame rate in animation?

    iii) What is the basic structure of a story?

    iv) What is slugline?

    v)   What is model sheet?

    b) Explain the format of a script in details.   5

2. a) Explain the concept of story board. Also highlight the importance of story board in animation pre-production.   6+4=10

    b) Explain all the components of storyboard with appropriate illustrations. 10

3. a) What are the important factors to consider for describing camera angles? 2

    b) Explain and illustrate the different types of camera shots.   10

    c) Explain the basic methods of camera movement in brief.   8

4. a) Explain the following-   2X5 = 10

    i)   Pose and its necessity in animation

    ii) Importance of timing and spacing in animation

    b) Write a brief note on the various types of stop motion animation.   10

5. **a)** Explain the character design process in pre-production stage of animation.   6

      b) Illustrate and write a character bible for a cartoon geek character and illustrate the same using the following guidelines–   5+3x3=14

         i) Appearance, personality

         ii) Habits, likes/dislikes

         iii) Past, family background and present lifestyle.

6. Write short notes on the following principles of animation with example and proper diagram.   4x5=20

      i. Squash & Stretch

      ii. Exaggeration

      iii. Anticipation

      iv. Straight ahead and pose to pose

7. The production pipeline of an animated movie can be divided into three stages. Explain all the three stages for 3D animation production pipeline along with its sub categories in details.   6+8+6=20

      i. Pre-production

      ii. Production

      iii. Post-production