Total No. of printed pages = 3

BMD 171303

Roll No. of candidate ☐☐☐☐☐☐☐☐☐☐☐

2017

B.Des. 3rd Semester End-Term Examination

FUNDAMENTALS OF ANIMATION DESIGN

Full Marks – 100   Time – Three hours

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

Illustrate your answers with suitable sketches and
examples wherever necessary.

Question No.1 is mandatory and answer any *six* questions
from the rest.

1.   Fill in the blanks :   (10 × 1 = 10)

   (a)   Animation is the rapid display of a sequence of
         images to create an illusion of —————.

   (b)   Cel-animation is sometimes also called —————
         animation.

   (c)   Adobe Flash is used to create —————
         animation.

   (d)   When clay is used to create stop motion
         animation it is called —————.

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(e) Japanese animation is also known as _____.

(f) The standard number of frames used per second in animation is _____.

(g) The most important aspect of animation is _____.

(h) The role of a Layout artist is similar to the role of a _____ on a live-action film.

(i) The change between two different shots is called a _____.

(j) Pixologic ZBrush is a type of _____ tool.

2. Define animation. What are the different types of animation? Explain with examples. (2 + 3 + 10 = 15)

3. What are the twelve basic principles of animation? Explain them briefly. (15)

4. (a) What is a script? What is its importance? (2 + 3 = 5)

   (b) What are the important areas that we come across when creating a script? Explain them briefly. (5 + 5 = 10)

5. (a) What are the different types of framing or shot length? Describe them. (5 + 5 = 10)

   (b) State any five camera movements. (5)

6. (a) Write a brief note on the stages of production : *Modeling and Texturing*. (5 × 2 = 10)

   (b) Explain why *Rigging* is important for 3D animation. (5)

7. (a) Why is Lighting essential in a 3D scene? (5)

   (b) How can Visual Effects (VFX) enhance the look of 3D movie? (6)

   (c) How is Lighting and VFX related to each other? (4)

8. (a) Describe the process of Compositing. (5)

   (b) Why is Compositing important? (6)

   (c) What are the tools used for compositing? (4)

9. Design a character based upon the description below. You will be evaluated based upon the accuracy of the description, appeal and detailing. (5 + 5 + 5 = 15)

Description.

Ashley is a teenager who loves to play video games and listen to music. She has curly messy hair and large attractive eyes. She is a bit plump compared to her friends. She dresses casually most of the time and always carries her big headphone around her neck. Her favourite shoes are a pair of Converse which are ankle length. She loves dogs and own as Labrador. Her father is a CEO of a company and her mother has her own boutique.

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