



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

IV SEMESTER B.TECH. (MEDIA TECHNOLOGY) END SEMESTER EXAMINATIONS, JUNE 2022 SUBJECT: ANIMATION TECHNOLOGY [MED 2251] REVISED CREDIT SYSTEM

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

❖ Answer **ALL** the questions.

1A. Differentiate between a) Squash and Stretch b) Anticipation c) Staging and d) Arcs principles utilized in Animation.

1B. Explain any six "workspaces" and "Tabs" present in Blender.

1C. Explain in detail the need of Storyboard utilized in Animation Industry.

[04 + 03 + 03]

2A. With examples, Explain in detail about the operations performed in a) Modelling b) Texturing c) Rigging and d) 3D Visual Effects.

2B. Name and explain any six basic tools utilized in Adobe Animate.

2C. Explain any six important key elements for creating an appealing character design.

[04 + 03 + 03]

3A. Using eight boxes, draw a neat storyboard portraying the most important scenes / aspects of a story, Also Narrate the story briefly.

3B. Explain in detail a) Secondary Action b) Exaggeration and c) Appeal techniques utilized to enhance the quality / aesthetics of an Animation.

3C. Explain in detail the difference between an Animatics and Storyboard.

[04 + 03 + 03]

4A. Name and explain the merits, demerits and features of any eight file formats utilized in Media industry.

4B. Explain the difference between Motion, Classic and Shape Tween utilized in Animation.

4C. Differentiate between a) Stop Motion Animation b) Claymation c) Mechanical Animations.

[04 + 03 + 03]

5A. Explain in detail with examples about the operations performed in a) Compositing b) Color Correction c) Motion Graphics and d) Final Output

5B. With an example explain how "Concept Art" plays a predominant role in the development stage of Animation.

5C. Briefly explain about the a) Traditional Animation / 2D Animation b) 3D Animation c) Typography animations predominantly used in Entertainment Industry.

[04 + 03 + 03]

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CHAPTER	MARKS	QUESTION NUMBERS	COURSE OBJECTIVES
Chapter 1	25	1A,1C,2A,2C,3B,4C.5B,5C	CO1
Chapter 2	25	1B, 2B,3A,3C,4A,4B,5A,	CO2