

2022

2D Animation Techniques

Full Marks : 100

Time : Three hours

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

Answer any five questions.

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| 1. | a) | What is a COG and how is it important in animation? | 6 |
| | b) | Differentiate Full and Limited animation style with relevant examples. | 6 |
| | c) | What are the two things that made animation possible? Give an example for each. | 4 |
| | d) | What is persistence of Vision? How is it related to animation? | 4 |
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| 2. | a) | Who is regarded as the father of Indian animation and why? | 5 |
| | b) | What do you mean by “Tradigital animation”? Why is it called so? | 7 |
| | c) | Describe the different types of animation that can be done in Adobe Flash with an examples of each. | 8 |
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| 3. | a) | Explain Pin library and how is it helpful? | 6 |
| | b) | What are symbols and why are they important? | 7 |
| | c) | Write down all steps for animating a Double pendulum using Adobe Flash and the principles used in the process. | 7 |
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| 4. | a) | How is the Lip synchronization done in the 2d digital animation? Explain. | 6 |
| | b) | Elaborate in details the process of converting a walk cycle to a progressive walk and then reuse the same rig for different action. Draw drawings to support your answer wherever necessary. | 8 |
| | c) | What are the different types and states of a Button? Explain in brief. | 6 |
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| 5. | a) | How do you scale multiple frames in the timeline? State the tools and techniques used. | 6 |

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| | b) | Explain the use of exaggeration in animation with any relevant example of your own. | 6 |
| | c) | Discuss the process of rigging for 2d character animation in Adobe Flash and the steps in details with proper supporting illustrations. | 8 |
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| 6. | a) | Describe masking concept with any relevant example. | 6 |
| | b) | How can you apply all 12 principles of animation on a single animation? Explain from your own experience. | 8 |
| | c) | What is Nested Animation and how does it work? Give your own example. | 6 |
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