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Question Paper Code: U9971

B.E./B.Tech. DEGREE EXAMINATION, APRIL 2024

Open Elective

Civil Engineering

21UIT971- ANIMATION TECHNOLOGY

(Common to ALL Branches)

(Regulations 2021)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. What is animation and write five types of animations. CO1-U
2. Why it is important for an animator to learn the principles of animation. CO1-U
3. Create and animate throwing a basketball to demonstrate squash and stretch CO2-App
4. How to Draw thumbnail in YouTube videos? CO2-App
5. What is the scope of flash in animation Industry? CO1-U
6. Write advantages and disadvantages of motion tweening? CO1-U
7. How to create a camera view? CO2-App
8. List some of the primitive and extended objects in 3d Max CO1-U
9. What is the difference between animation and Modeling? CO1-U
10. Create a rolling chair in studio 3D max. CO2-App

PART – B (5 x 16= 80 Marks)

11. (a) Write a detail note on the 12 basic principles of animation with illustrations and examples. CO1-U (16)
- Or
- (b) Explain detail about the history of Animation with suitable examples CO1-U (16)
12. (a) Animate a 2D human character lifting a heavy ball and pulling and pushing a heavy object and explain it step by step with the key frames. CO2-App (16)
- Or
- (b) How to animate two characters acting with each other while talking and explain it step by step. CO2-App (16)
13. (a) How to create a stick man animation using macro media flash and also explain what are the flash interfaces are required for animating stick man? CO2-App (16)
- Or
- (b) With an example, show how to develop an animation for a movie clip frame by frame. CO2-App (16)
14. (a) Explain in detail about the importing and exporting file formats in 3d max. CO1-U (16)
- Or
- (b) What is 3D animation? List out 3D Software version with operating system used for each version. CO1-U (16)
15. (a) With the help of studio 3D Max. Create a Bowl step by step and draw a neat diagram. CO2-App (16)
- Or
- (b) Create the Flash Drive in 3D Max step by step followed by neat diagram CO2-App (16)