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Reg.No :

Name :

MAHATMA GANDHI UNIVERSITY, KOTTAYAM
MGU-UGP (HONOURS) REGULAR/IMPROVEMENT/REAPPEARANCE
EXAMINATION APRIL 2026
SECOND SEMESTER
Multi-Disciplinary Courses (MDC) - MG2MDCAGD100 - HISTORY OF
ANIMATION AND VFX
(2024 ADMISSION ONWARDS)

Duration: 1 Hour 30 Minutes

Maximum Marks: 50

Remember(K), Understand(U), Apply(A), Analyse(An), Evaluate(E), Create(C), Skill(S), Interest(I)
and Appreciation(Ap)

Students should attempt at least one question from each course outcome to enhance their overall outcome attainability.

Part A

Short Answer Questions

Answer any **5** questions

Each question carries **2** marks

1. What device did Wertheimer use in his experiment to demonstrate the phi phenomenon? [K] / [CO1]
2. Name any four ancient artifacts that suggest early animation. [K] / [CO1]
3. Define Anticipation in animation. [K] / [CO1]
4. Who was one of the pioneers of stop-motion animation during the silent era? [K] / [CO1]
5. List two examples of optical effects techniques. [U] / [CO3]
6. How has animation contributed to social awareness campaigns? [U] / [CO4]
7. Explain how green screen technology assists in digital compositing. [U] / [CO3]

[2x5 = 10]

Part B

Short Essay Questions

Answer any **5** questions

Each question carries **5** marks

8. How has ILM influenced the development of modern VFX? [U] / [CO4]
9. Explain the function of an optical printer and its importance in creating composite shots. [U] / [CO3]
10. Who pioneered the pinscreen animation technique? What is the pinscreen device composed of? [K] / [CO1]
11. Differentiate keyframes and in-between frames? [K] / [CO1]
12. How did the establishment of Disney Studios revolutionize animation in the early 20th century? [U] / [CO2]
13. What are key poses and in-betweens in traditional animation? [K] / [CO1]
14. What are the advantages of cel animation over traditional hand-drawn animation on paper? [K] / [CO1]

[5x5 = 25]

Part C

Essay Questions

Answer any **1** questions

Each question carries **15** marks

15. Explain the various ways Artificial Intelligence (AI) is transforming the world of Visual Effects (VFX), providing specific examples from the presentation. [U] / [CO4]
16. Explain how technological advancements introduced by animation pioneers influenced modern animation techniques and storytelling. [U] / [CO2]
17. Discuss the evolution of visual effects in cinema, focusing on the innovations of Georges Méliès and the development of optical effects. Explain how these techniques contributed to the growth of narrative filmmaking. [U] / [CO3]

[15x1 = 15]