UG PROGRAM (4 YEARS HONOURS) WITH SINGLE MAJOR
AT THE END OF FIRST SEMESTER
ANIMATION INDUSTRY PERSPECTIVES
(COMMON FOR B.Sc., ANIMATION)
(w.e.f. Admitted Batch 2024 - 25)

Time: 3Hours **Maximum: 70 Marks**

SECTION –A   Multiple choice questions **30 X 1 = 30 M**

1. What does GPU stand for in computer graphics?
   - a) General Processing Unit
   - b) Graphics Processing Unit
   - c) General Purpose Unit
   - d) Graphic Performance Unit

2. Which of the following is a primary function of rasterization in computer graphics?
   - a) Rendering 3D models
   - b) Converting vector graphics to raster images
   - c) Compressing image files
   - d) Managing color profiles

3. Vector graphics are composed of:
   - a) Pixels
   - b) Curves and shapes defined by mathematical equations
   - c) Layers
   - d) Bitmaps

4. Which type of graphics is resolution-dependent?
   - a) Vector Graphics
   - b) Bitmap Graphics
   - c) 3D Graphics
   - d) Line Art

5. Which file format is commonly used for lossless compression of images?
   - a) JPEG   b) PNG   c) GIF   d) TIFF

6. What does the acronym SVG stand for in the context of file formats?
   - a) Scalable Vector Graphics
   - b) Standard Vector Graphics
   - c) Systematic Vector Graphics
   - d) Structured Vector Graphics

7. Who is often credited as the creator of the first animated cartoon, "Steamboat Willie," featuring Mickey Mouse?
   - a) Walt Disney   b) Max Fleischer   c) Winsor McCay   d) Chuck Jones

8. In what year did Winsor McCay release his groundbreaking animated short film, "Gertie the Dinosaur"?
   - a) 1919   b) 1928   c) 1906   d) 1914

9. Émile Cohl, a French artist, is recognized for creating one of the earliest examples of animated films. What was the title of his film?
   - a) "Gertie the Dinosaur"
   - b) "Fantasmagorie"
   - c) "Steamboat Willie"
   - d) "Snow White and the Seven Dwarfs"

10. Lotte Reiniger, a German animator, is known for pioneering the art of:
    - a) Hand-drawn animation
    - b) Stop-motion animation
    - c) Cutout animation
    - d) Claymation

11. What is the purpose of a film storyboard?
    - a) Creating promotional posters
    - b) Planning the sequence of shots in a film
    - c) Designing costumes for characters
    - d) Writing the screenplay

12. In filmmaking, what is the term for the person responsible for selecting and arranging the scenes in a specific order?
    - a) Cinematographer   b) Editor   c) Producer   d) Director

13. The principle of animation that involves creating the illusion of weight and mass is known as:
    - a) Squash and Stretch   b) Anticipation   c) Follow Through   d) Weight

14. In the 12 principles of animation, "Arcs" refer to:
    - a) A gradual acceleration or deceleration of movement
    - b) The natural curves in motion paths   c) Overlapping action   d) Staging

15. A device used in dialogue recording to prevent "plosive" sounds (like the "p" and "b" sounds) is called a:
    - o a) Pop filter   b) Windscreen   c) Boom microphone   d) Shock mount
16. Which of the following terms is used to describe the process of re-recording dialogue in a controlled environment to improve audio quality?
    - o a) Dubbing   b) ADR (Automated Dialogue Replacement)   c) Foley   d) Voiceover
17. The term "avant-garde" in the context of art refers to:
    - o a) Traditional and conservative styles   b) Experimental and innovative approaches
    - o c) Realistic depictions   d) Classical techniques
18. Who is often credited as the "Father of Modern Art" for his role in the transition from realism to impressionism?
    - o a) Édouard Manet   b) Vincent van Gogh   c) Pablo Picasso   d) Claude Monet
19. POP art often features images from popular culture. Who is a leading figure in the POP art movement known for his Campbell's Soup Cans?
    - o a) Roy Lichtenstein b) Andy Warhol   c) Jasper Johns   d) Robert Rauschenberg
20. Ballet is an example of a performing art form that combines:
    - o a) Dance and music   b) Acting and singing
    - o c) Painting and sculpture   d) Poetry and literature
21. The ancient Greek philosopher Plato discussed the concept of beauty in his dialogue:
    - o a) The Republic   b) The Symposium c) Phaedrus   d) Timaeus
22. The term "aesthetics," related to the philosophy of art and beauty, was coined by:
    - o a) Aristotle   b) Immanuel Kant   c) Plato   d) Friedrich Nietzsche
23. The Lumière brothers are credited with:
    - o a) Inventing the first motion picture camera   b) Creating the first animated film
    - o c) Establishing the first film studio   d) Inventing the first color film process
24. The process of creating the illusion of motion through a rapid sequence of individual images is known as:
    - o a) Cinematography b) Animation   c) Montage   d) Chroma keying
25. Augmented Reality (AR) enhances the real-world environment by:
    - o a) Creating entirely virtual spaces
    - o b) Overlapping digital information onto the user's physical surroundings
    - o c) Producing holographic displays   d) Generating realistic 3D animations
26. Virtual Reality (VR) creates a fully immersive experience by:
    - o a) Enhancing natural colors   b) Augmenting the physical environment
    - o c) Displaying static images   d) Simulating a computer-generated environment
27. In the context of film and theater, a casting director is responsible for:
    - o a) Designing costumes   b) Selecting actors for specific roles
    - o c) Creating soundtracks   d) Directing scenes
28. What is the purpose of a rehearsal in the context of casting and performance?
    - o a) Finalizing the script   b) Polishing acting skills and blocking
    - o c) Post-production editing   d) Costume fittings
29. The term "location scouting" in filmmaking refers to the process of:
    - o a) Selecting actors for specific roles   b) Identifying suitable places to shoot
    - o c) Creating visual effects   d) Planning the film's soundtrack
30. In cinematography, the "establishing shot" is used to:
    - o a) Convey character emotions   b) Introduce a location or setting
    - o c) Frame a close-up shot   d) Capture action sequences

31. _____ stands for Graphics Processing Unit, a key component in computer graphics.

32. The primary function of rasterization in computer graphics is converting vector graphics to _____ images.

33. The first animated cartoon with synchronized sound, "Steamboat Willie," featuring Mickey Mouse, was created by _____.

34. Winsor McCay is credited with creating one of the earliest animated films titled _____.

35. The principle of animation that involves creating the illusion of weight and mass is known as _____.

36. In the 12 principles of animation, "Arcs" refer to the natural curves in _____.

37. The Lumière brothers are credited with inventing the first _____ camera.

38. The process of creating the illusion of motion through a rapid sequence of individual images is known as _____.

39. Post-production in the production pipeline involves final editing, sound _____, and visual effects.

40. The phase of the production pipeline where raw footage is edited and arranged into a coherent sequence is called _____.

SECTION C (Very short answer questions)   *10 x 1 = 10 M*

41. What does GPU stand for?
42. What is the primary function of rasterization?
43. Who created the first animated cartoon with synchronized sound?
44. What is Winsor McCay known for in animation history?
45. What principle involves creating the illusion of weight and mass in animation?
46. What do "arcs" refer to in the 12 principles of animation?
47. Who are credited with inventing the first motion picture camera?
48. What is the process of creating the illusion of motion through a rapid sequence of images?
49. What phase involves final editing, sound design, and visual effects?
50. Where is raw footage edited and arranged into a coherent sequence in the production pipeline?

SECTION D (Matching) (From 5 Units)   *2 x 5 = 10 M*

I

51. Graphics Processing Unit	( )	*A.* Basic of Films
52. Pixels Per Inch	( )	B. Origin of Modern Art
53. Storyboard	( )	C. Fundamentals of Computer Graphics
54. Ray Harryhausen	( )	D. Development of Visual Effects Industry
55. Édouard Manet	( )	E. Resolution (PPI, DPI)

II

56. Vincent van Gogh	( )	A. POP Art
57. Features images from popular culture	( )	B. Origin of Modern Art
58. Édouard Mane	( )	C. Post-Impressionism
59. Claude Monet	( )	D. Digital Works
60. Software Tools	( )	E. Artist and Their Paintings

True or False (Each Unit 2 Questions)

61. Fundamentals of computer graphics involve understanding basic concepts like rendering, modeling, and image processing**. (True/False)**

62. Graphics can be broadly categorized into raster graphics and vector graphics. **(True/False)**

63. There are various file formats used to store and display graphics, such as JPEG, PNG, GIF, etc. **(True/False)**

64. There is a rich history of animation dating back to early experiments and inventions. **(True/False)**

65. The 12 principles of animation were developed by Disney animators Frank Thomas and Ollie Johnston. **(True/False)**

66. It seems there might be a typo in "Dialoguer." If you mean "Dialogue Recording" or "Dialog Recording," then it's true. Automated Dialogue Replacement (ADR) is a common technique. **(True/False)**

67. Early references to art and beauty can be found in philosophical writings, such as Plato's discussions on beauty. **(True/False)**

68. Film and animation are dynamic visual storytelling mediums that have evolved over time. **(True/False)**

69. Artists often consider elements like time, space, and formal elements such as line, shape, and color in their works. **(True/False)**

70. New media art involves the use of digital technologies and multimedia in artistic expression. **(True/False)**