

DO NOT WRITE ON TEST



**DIGITAL
COMMUNICATION &
DESIGN CONCEPTS
~OPEN EVENT~**

(490)

REGIONAL 2023

TOTAL POINTS

_____100 Points

Test Time: 60 minutes

MULTIPLE CHOICE

Identify the letter that best completes each sentence or answers the question.

1. The purpose of an ending tag when coding in HTML is to tell the browser to turn off the formatting.
 - A. True
 - B. False
2. What CSS property creates a border around an HTML element?
 - A. around
 - B. border
 - C. margin
 - D. Drop shadow
3. _____ traditionally refers to the optical illusion that occurs when visual perception of an object does not cease for some time after the rays of light proceeding from it have ceased to enter the eye.
 - A. Perseverance of Sight
 - B. Persistence of Vision
 - C. Perseverance of Vision
 - D. Persistence of Sight
4. Which of the followings cartoons is consider one of the first cartoons with sound?
 - A. Gertie the Dinosaur
 - B. Steamboat Willie
 - C. Mighty Mouse
 - D. Feline Follies
5. What was the first cartoon to use animation techniques like keyframes?
 - A. Gertie the Dinosaur
 - B. Steamboat Willie
 - C. Mighty Mouse
 - D. Feline Follies
6. The required _____ attribute specifies an alternate text for an image if the image cannot be displayed. This attribute provides alternative information for an image.
 - A. Alternate
 - B. Control
 - C. ctrl
 - D. alt
7. What is the hex code for the color white?
 - A. #FFFFFF
 - B. #FF0000
 - C. #151515
 - D. #0000FF

8. What color model uses additive color model?
 - A. Additive
 - B. Subtractive
 - C. CMYK
 - D. RGB
9. _____ was Walt Disney's first cartoon character.
 - A. Mickey Mouse
 - B. Oswald the Lucky Rabbit
 - C. Roger Rabbit
 - D. Donald Duck
10. _____ is a technique used to capture one frame at a time, with physical objects that are moved between frames.
 - A. Stop motion animation
 - B. 3D animation
 - C. 2D animation
 - D. Frame by frame animation
11. _____ file is a video file saved in the Adobe Flash Video container format.
 - A. SWF
 - B. GIF
 - C. FLV
 - D. SWC
12. _____ is a technique used to make static objects appear as if they were moving, commonly used in claymation and puppet-based animation.
 - A. Vector animation
 - B. Stop motion animation
 - C. 2D software animation
 - D. 3D software animation
13. What is the code to insert a line break in html?
 - A. <lb>
 - B. <break>
 - C. <rule>
 - D.

14. The smaller the F-stop number (or f/value), the _____ the lens opening (aperture).
- A. smaller
 - B. larger
 - C. faster
 - D. None of the other answers are correct
15. _____ is the lowest shutter speed to hand hold your camera at.
- A. $1/30^{\text{th}}$
 - B. $1/40^{\text{th}}$
 - C. $1/50^{\text{th}}$
 - D. $1/60^{\text{th}}$
16. Three elements that effect exposure are _____.
- A. Shutter speed, ISO, and aperture
 - B. Shutter speed, ISO, and white balance
 - C. Shutter size, ISO, and aperture
 - D. Shutter size, exposure, and white balance
17. _____ animation is where the beginning image is inserted. The ending image is inserted. The computer performs the tweening to generate a sequence of images.
- A. Morphing
 - B. Stop motion
 - C. Frame by frame
 - D. Scripting based
18. The following are all different 3D graphics and animation software except _____.
- A. Xara
 - B. Maya
 - C. Adobe Animate
 - D. Blender
19. The most important part of an animation is the _____.
- A. timeline
 - B. story
 - C. storyboard
 - D. staging
20. The _____ stores frequently used graphics, movies, models, and buttons.
- A. timeline
 - B. stage
 - C. library
 - D. layer

21. _____ is the art and technique of arranging type to make written language readable and appealing.
- A. Type size
 - B. Kerning
 - C. Typography
 - D. Typeface
22. Both serigraphy and lithography are popularly used by _____.
- A. graphic artists
 - B. modern pop artists
 - C. 3D animators
 - D. silkscreen artists
23. _____ is a form of printing that is created using a stone press on which areas are made receptive to ink.
- A. Serigraphy
 - B. Lithography
 - C. Silkscreen
 - D. None of the other answers are correct
24. Which of the following is NOT a Typeface?
- A. Serif
 - B. San-Serif
 - C. Non-Serif
 - D. Decorative
25. Who invented the Zoetrope?
- A. Peter Mark Roget
 - B. William George Horner
 - C. Emile Reynauld
 - D. Joseph Plateau
26. _____ is the law of the United States that protects the works of authors, artists, composers, and others from being used without permission.
- A. Public domain
 - B. Fair use
 - C. Copyright
 - D. Citing sources
27. What is attribution?
- A. A form of copyright
 - B. Giving credit to the original creditor
 - C. Fancy wording for fair use
 - D. Fancy wording for public domain

28. _____ has set amounts that one can use. For motion media, you can use 10% or up to 3 minutes. For text material, you can use 10% or up to 1000 words. For music, lyrics and so forth you can use up to 10% but no more than 30 seconds of an individual work.
- A. Public domain
 - B. Fair use
 - C. Copyright
 - D. Citing sources
29. Which of the following cannot be copyrighted?
- A. Ideas
 - B. Works involving pictures, graphs, and/or sculptures
 - C. Audio recordings
 - D. Motion pictures (movies) and other audio/video works
30. Which of the following is NOT an animation principle?
- A. Staging
 - B. Arc
 - C. Primary action
 - D. Anticipation
31. How many basic principles of animation are there?
- A. 10
 - B. 11
 - C. 12
 - D. 13
32. Every web site should include a list containing links to main topic areas of the site called a(n) _____.
- A. navigation list
 - B. link list
 - C. site list
 - D. image list

33. What is repetition?

- A. A "skeleton" is used for consistency of spacing and design that results throughout all the units. There can be different types.
- B. Something continues, usually as a line, an edge, or a direction from one form to another. The viewer's eye is carried smoothly from one element to the next. It is a more subtle device.
- C. Something repeats in various parts of a design to relate the parts to each other. These elements can be color, shape, direction, texture, or angle.
- D. To make separate elements look as if they belong together through placing elements close in clusters.

34. What is proximity?

- A. A "skeleton" is used for consistency of spacing and design that results throughout all the units. There can be different types.
- B. Something continues, usually as a line, an edge, or a direction from one form to another. The viewer's eye is carried smoothly from one element to the next. It is a more subtle device.
- C. Something repeats in various parts of a design to relate the parts to each other. These elements can be color, shape, direction, texture, or angle.
- D. To make separate elements look as if they belong together through placing elements close in clusters.

35. In HTML, colors can also be specified using several values. Which of the following are not one of the acceptable values?

- A. HEX
- B. HSL
- C. CMYK
- D. RGB

36. A photo is overexposed if it has too little light.

- A. True
- B. False

37. When taking photos, stopping down is referred to letting more light in.

- A. True
- B. False

38. _____ is the size opening of the lens on a camera.

- A. ISO
- B. Shutter
- C. Aperture
- D. Filter

39. 1800 is an example of a standard ISO value.
A. True
B. False
40. f/16 is an example of a standard aperture value.
A. True
B. False
41. When shooting, it is better for you to shoot in the RAW format than JPG.
A. True
B. False
42. The camera shutter's main function is to allow light in only for as long as needed to achieve a correct exposure.
A. True
B. False
43. Shutter speed is measured in seconds and the bigger the denominator the faster the speed.
(1/1000 is much faster than 1/30)
A. True
B. False
44. Exposure is basically the amount of light (controlled by the aperture) that is captured over a specific amount of time (controlled by the shutter speed).
A. True
B. False
45. Diffused light will result in more shadows than direct light.
A. True
B. False
46. Reflected light is light that is reflected from a surface or material. It is the hardest light to find.
A. True
B. False
47. Photographers should always avoid shooting into the sun.
A. True
B. False

48. A keyframes is a drawing or shot that defines the starting and ending points of a smooth transition
- A. True
 - B. False
49. Which of the following is not a video file type?
- A. .mov
 - B. .mpeg
 - C. .avi
 - D. .blend
50. Which of the following is NOT a factor that will influence the delivery and distribution of computer animations?
- A. Streaming Rate
 - B. Bandwidth
 - C. Location
 - D. Playback Rate