

DIGITAL COMMUNICATION & DESIGN CONCEPTS (490)

—OPEN EVENT—

REGIONAL – 2020

DO NOT WRITE ON TEST BOOKLET

TOTAL POINTS

_____ (*100 points*)

Failure to adhere to any of the following rules will result in disqualification:

- 1. Contestant must hand in this test booklet and all printouts. Failure to do so will result in disqualification.**
- 2. No equipment, supplies, or materials other than those specified for this event are allowed in the testing area. No previous BPA tests and/or sample tests or facsimile (handwritten, photocopied, or keyed) are allowed in the testing area.**
- 3. Electronic devices will be monitored according to ACT standards.**

No more than sixty (60) minutes testing time

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MULTIPLE CHOICE

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

1. An external style sheet is also called a(n) _____ style sheet.
 - a. embedded
 - b. insync
 - c. inline
 - d. linked

2. When a Cascading Style Sheets (CSS) document is _____, it confirms that all of the code is correct and follows the established rules for CSS.
 - a. authenticated
 - b. compiled
 - c. pipelined
 - d. validated

3. In the _____ property, to center all of the elements so the page appears centered within a browser window, one should create styles to set the left and right margins to auto.
 - a. display
 - b. margin
 - c. text-align
 - d. box-shadow

4. Identify the correct format of the starting tag and the ending tag for the figure caption element.
 - a. <figcaption>... </figcaption>
 - b. <(figcaption)>... </figcaption>>
 - c. </figcaption/>... </figcaption/>
 - d. </figcaption>... <figcaption/>

5. Consider the style rule:

```
figure img: hover {  
    opacity: 1;  
}
```

Here, when a mouse hovers over an image, _____.
 - a. the opacity is removed
 - b. it becomes completely opaque
 - c. the opacity is increased by 50 percent
 - d. the transparency is increased by 50 percent

6. If the main element is displaced to the banner image area, the issue can be corrected by applying an overflow property with a value of _____ to the main style rule contained within the tablet media query.
 - a. empty
 - b. zero
 - c. void
 - d. auto

7. Who came up with the Persistence of Vision Theory?
 - a. Peter Mark Roget
 - b. John A Paris
 - c. Emile Reynauld
 - d. Joseph Plateau

8. Who created the Phenakistiscope?
 - a. Peter Mark Roget
 - b. John A Paris
 - c. Emile Reynauld
 - d. Joseph Plateau

9. The _____ used a strip of pictures placed around the inner surface of a spinning cylinder.
 - a. Praxinoscope
 - b. Phenakistiscope
 - c. Thaumotrope
 - d. Kinetoscope

10. What was the first animated cartoon?
 - a. Feline Follies
 - b. Pink Phink
 - c. "Humorous Phases of Funny Faces"
 - d. Fantasmagorie

11. Who is consider the first animated cartoon movie star?
 - a. Mickey Mouse
 - b. Snow White
 - c. Felix the Cat
 - d. Oswald the Lucky Rabbit.

12. Which of the followings cartoons is consider one of the first cartoons with sound?
 - a. Dizzy Dishes
 - b. Gertie the Dinosaur
 - c. Steamboat Willie
 - d. Feline Follies

13. Who is credited with the creating Warner Brothers character Bugs Bunny?
 - a. Ub Iwerks
 - b. Fred "Tex" Avery
 - c. Mel Blanc
 - d. Chuck Jones

14. Film plays at a rate of _____ frames per second.
 - a. 24
 - b. 27
 - c. 30
 - d. 33

15. When the human eye sees an image it lingers in the eye until a different image comes up, this phenomenon is called _____?
- Animation
 - Persistence of Vision
 - Zoetrope
 - Phenakistope
16. _____ is a document that gives permission for a video producer to photograph or record the talent.
- Medical Release
 - Talent Release
 - Libel Release
 - Slander Release
17. _____ is a type of shot that tightly frames a person or object to provide detail.
- Medium Shot
 - Close-Up Shot
 - Wide Shot
 - Tilt Shot
18. The strongest light that is placed on one side of the camera and subject so that the main features of the subject are highlights and the opposites are shaded is called a(n) _____ light.
- Fill
 - Back
 - Background
 - Key
19. _____ is a large difference between two things, for example Black & White.
- Contrast
 - Repetition
 - Balance
 - White Space
20. _____ is a wavelength of light that strikes the object and reflects back into the eyes.
- Texture
 - Color
 - Shapes
 - Light
21. Storyboards are a tool for planning visual media like animation, video and even websites.
- True
 - False

22. Claymation is a type of animation made by taking photos of clay characters while moving them slightly between each photo.
- True
 - False
23. _____ is a good way to emphasis to certain movements and thereby draw attention where you want it.
- Appeal
 - Exaggeration
 - Squash & Stretch
 - Ease In and Ease Out
24. What color has the meaning of royalty, dignity or mystery.
- Purple
 - Orange
 - Blue
 - Red
25. Intensity lights the area in a shot where light falls off into shadow
- True
 - False
26. The process of selecting some footage, rejecting some, and assembling the pieces of video into coherent motion picture is called _____.
- Directing
 - Post Production
 - Editing
 - Producing
27. Cels are then placed over a painted background and photographed one by one on a _____.
- Stop Motion Camera
 - Cel Camera
 - Rostrum Camera
 - Rotoscope
28. _____ utilizes geometric primitives such as points, lines, curves, and polygons, which are all based upon mathematical equations to represent images in computer graphics.
- JPEG Graphics
 - Vector Graphics
 - GIF Graphics
 - TIFF Graphics
29. T/F Layer Image is a function allows you to place two images in the same spot on your page. The image will change from one to the other as the visitor mouses over it.
- True
 - False

30. T/F Green screen is a technique of photographing or filming an actor or object against a green monochrome backdrop, and replacing the backdrop with material from a different image using a color filter.
- True
 - False
31. Which of the following is NOT a standard <div> attributes used in CSS?
- Class
 - ID
 - Style
 - CSS
32. Which section contains information such as the document title and search engine keywords?
- Head
 - Body
 - Table
 - Footer
33. T/F Fixed Position describes positioning relative to the browser window itself.
- True
 - False
34. What is the hex code for the color white?
- #FFFFFF
 - #000000
 - #111111
 - #EEEEEE
35. Which of the following is NOT an Animation Principle:
- Staging
 - Follow Through and Overlapping Action
 - Slow In and Slow Out
 - Action
36. What type of color model uses light to display color:
- Additive
 - Subtractive
 - CMYK
 - RGB
37. _____ is the art and technique of arranging type to make written language readable and appealing.
- Typeface
 - Typesize
 - Kerning
 - Typography

38. Which of the following is NOT a Typeface
- Serif
 - San-Serif
 - Non-Serif
 - Decorative
39. A unit of measurement equal to six (6) picas or seventy-two (72) points.
- Centimeter
 - Inch
 - Pica
 - Point
40. It is important to _____ visual elements of the design throughout the piece.
- Connect
 - Repeat
 - Align
 - Contrast
41. _____ refers to how easily the reader can decipher the letters on a page.
- Legibility
 - Clear
 - Understandable
 - Readability
42. When people or animals move, they usually move at specific _____.
- Muscles
 - Bones
 - Joints
 - Intervals
43. A polygon is a _____ sided shape.
- three
 - four
 - five
 - mutli
44. T/F Movement is the most important part of an animation?
- True
 - False
45. _____ are a standard set by the World Wide Web Consortium (W3C) for managing the design and formatting of Web pages in a Web browser.
- Condensing Style Shorts
 - Cascading Sheets of Style
 - Cascading Style Sheets
 - Confrontational Style Sheets

46. _____ conveys information visually through the use of color, graphics, images, and animation that support the script.
- TV Producer
 - News Anchor
 - Desktop Publisher
 - Graphic Designer
47. A _____ is intended to change the public interest by raising awareness about an issue, changing public attitudes and stimulating action.
- News Story
 - Editorial Opinion
 - Commentary
 - Public Service Announcement
48. _____ contains the project Adobe Animate components, including a compiled movie clip, ActionScript code, and any assets that the component requires.
- .swc
 - .swf
 - .fla
 - .flv
49. _____ is a hollow drum that housed images on long interchangeable strips that spin and made the images appear to move.
- Cel
 - Thaumatrope
 - Magic Lantern
 - Zoetrope
50. The earliest form of a slide projector is called a _____.
- Cel
 - Thaumatrope
 - Magic Lantern
 - Zoetrope