# CS 2033B – Sample Exam Questions

*C*

**1.** **The following CSS rule-set would apply to which webpage elements?**
   **.nav li { … }**
   a) Elements with both the class nav and the class li
   b) Elements with either the class nav or the class li
   c) Elements of type li that are within an element with the class nav
   d) Elements with the class nav that are within an element of type li

*d*

**2.** **The CSS style border-width is written as borderWidth in JavaScript. This format in JS is called:**
   a) Dot notation
   b) Code case
   c) Sentence case
   d) Camel case

*d* ~~e~~

**3.** **Increasing the resolution of an image is called:**
   a) Resampling
   b) Upsampling
   c) Downsampling
   d) Resizing
   e) Both a and b

*downsampling: remove pixels.*
*resizing: not changing pixel,*
*but only resolution and size.*

*a* ~~d~~

**4.** **Which of the following options helps to split up code and content into different areas?**
   a) CMS → *content management system.*
   b) CSS
   c) jQuery
   d) Bootstrap

*b*

**5.** **Which CSS display value tries to place elements side by side as long as they can fit in a row?**
   a) display: block
   b) display: inline-block
   c) display: table-cell
   d) display: none

*e*

**6.** **Indicate which of the HTML form field types allow a user to type in text.**
   a) <input type="text" />
   b) <textarea>
   c) <input type="radio" />
   d) All of the above
   e) a) and b) only

*→ which file load on which screen size.*

**7. Media queries are used for what feature/effect in websites?**

*d b*

a) Parallax
b) Animations/transitions
c) Embedding videos
d) Responsiveness

**8. Which line of JS is equivalent to the following line of jQuery?**
   **$("#top").css("width", "50%");**

*a*

a) document.getElementById("top").style.width = "50%";
b) document.getElementsByName("top").style.width = "50%";
c) document.getElementsByTagName("top").style.color = "50%";
d) document.getElementsByClassName("top").style.color = "50%";

**9. What should be followed to improve the accessibility of a website for deaf users?**

*c*

a) Significantly reduce the amount of pictures on the site
b) Give an option to increase or decrease font size on the site
c) Include text transcriptions of any video/audio files on the site
d) Ensure the navigation links are clear and functioning properly

**10. The event listener typically used for parallax is:**

*b*

a) onclick
b) onscroll
c) onblur
d) onmouseover

**11. Which web form field type is best used for cases in which a user is allowed to select zero, one, or multiple options that apply to them?**

*d*

a) Textbox
b) Textarea
c) Radio buttons
d) Checkboxes

**12. Which of the following is an example of a pseudo-class in CSS?**

*d c*

a) div img
b) p.title
c) ul li, ol li
d) a:hover

13. Suppose we open a picture of green grass in Affinity Photo and look at the individual colour channels. The channel(s) that would be mostly dark is(are):
a) The red channel
b) The green channel
c) The blue channel
d) Both a and b
e) Both a and c

*(handwritten: e)*

14. Which of the following are provided by the Bootstrap framework?
a) Pre-created CSS classes
b) Pre-created modules like the Carousel
c) Payment gateway for e-commerce
d) Both a and b
e) All of the above

*(handwritten: d)*

15. We used the mathematical formula of a line, y=mx+b, for implementing which effect/module?
a) ScrollFire
b) Parallax
c) Responsiveness
d) Both a and b
e) Both b and c

*(handwritten: b)*

16. Quick mask is a tool for making selections in Affinity Photo.
a) True
b) False

*(handwritten: a)*

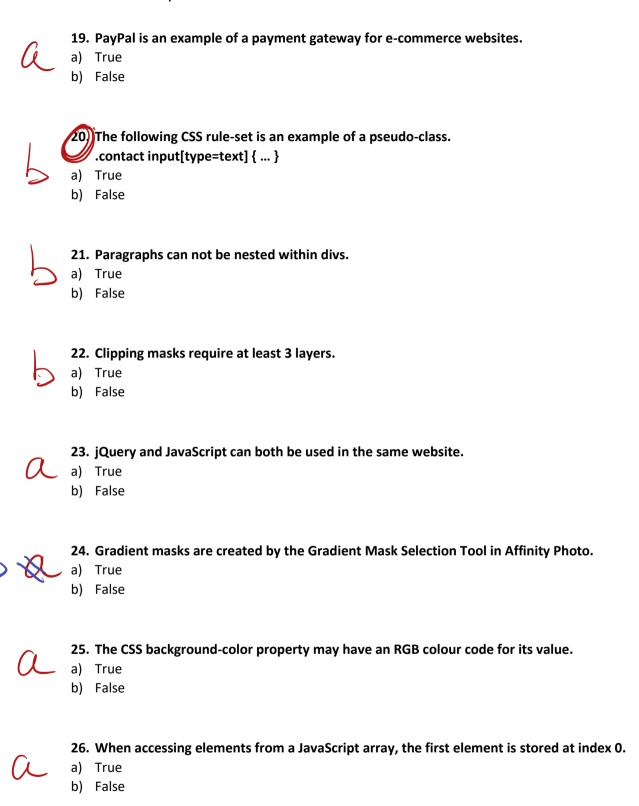17. Pages and Posts are identical in the context of CMS's.
a) True
b) False

*(handwritten: b)*

18. Masks in Affinity Photo can contain any grayscale colour.
a) True
b) False

*(handwritten: a)*

**19. PayPal is an example of a payment gateway for e-commerce websites.**

*a* (handwritten)

a) True
b) False

**20. The following CSS rule-set is an example of a pseudo-class.**
**.contact input[type=text] { … }**

*b* (handwritten)

a) True
b) False

**21. Paragraphs can not be nested within divs.**

*b* (handwritten)

a) True
b) False

**22. Clipping masks require at least 3 layers.**

*b* (handwritten)

a) True
b) False

**23. jQuery and JavaScript can both be used in the same website.**

*a* (handwritten)

a) True
b) False

**24. Gradient masks are created by the Gradient Mask Selection Tool in Affinity Photo.**

*b a* (handwritten)

a) True
b) False

**25. The CSS background-color property may have an RGB colour code for its value.**

*a* (handwritten)

a) True
b) False

**26. When accessing elements from a JavaScript array, the first element is stored at index 0.**

*a* (handwritten)

a) True
b) False

**27. HTML elements may have more than one class applied to them.**

*a*

a) True
b) False

**28. Inline is the most efficient form of CSS.**

a) True
b) False

**29. In CSS, class selectors take precedence over tag selectors.**

a) True
b) False

**30. It is encouraged that websites contain written transcripts of any audio in the website to make it accessible to deaf users.**

a) True
b) False