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CENTENNIAL COLLEGE PROGRESS CAMPUS

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| WINTER 2018 Written Test 2  COURSE: COMP125  Student Name:  Student Number: |

**This test is closed book. You have 2 hrs to complete this test.**

**Answer all the questions using your scantron form.**

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| 1. What is the extension of the file that contains the jQuery library?   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​.html | b. | ​.css | |  | c. | ​.js | d. | ​.jq |  |  |  | | --- | --- | |  |  | |
| 2. Why would you link to a jQuery file on a CDN?​   |  |  |  | | --- | --- | --- | |  | a. | ​It's the only way to ensure that you're using the most current version. | |  | b. | ​It can provide an improved user experience. | |  | c. | ​It's cheaper than linking to a file on your own web server. | |  | d. | ​It's the only way to include the library in your web documents. |  |  |  | | --- | --- | |  |  | |
| 3. Every jQuery statement begins with which character?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​$ | b. | ​. | |  | c. | ​@ | d. | ​# |  |  |  | | --- | --- | |  |  | |
| 4. In a jQuery statement, a reference to the elements on which the statement operates is contained in \_\_\_\_.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​{ } | b. | ​[ ] | |  | c. | ​< > | d. | ​( ) |  |  |  | | --- | --- | |  |  | |
| 5. To select elements in jQuery, you specify a(n) \_\_\_\_.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​CSS selector | b. | ​getElementById() method | |  | c. | ​array | d. | ​JSON string |  |  |  | | --- | --- | |  |  | |
| 6. Which of the following is NOT an acceptable value for referencing the element(s) on which a jQuery statement operates?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​a variable | b. | ​a CSS selector | |  | c. | ​a JavaScript method | d. | ​the this keyword |  |  |  | | --- | --- | |  |  | |
| 7. Which character do you use to append a jQuery method to code that selects elements?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​: | b. | ​. | |  | c. | ​- | d. | ​= |  |  |  | | --- | --- | |  |  | |

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| 8. The \_\_\_\_ method changes the selection to the sibling element immediately following each selected element.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​next() | b. | ​last() | |  | c. | ​previous() | d. | children() |  |  |  | | --- | --- | |  |  | |
| 9. The \_\_\_\_ method selects the child elements of each element matched by the main selector.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​next() | b. | ​last() | |  | c. | ​previous() | d. | children() |  |  |  | | --- | --- | |  |  | |
| 10. The \_\_\_\_ method adds specified class name(s) to the selection.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​height() | b. | ​addClass() | |  | c. | ​width() | d. | val() |  |  |  | | --- | --- | |  |  | |
| 11. The \_\_\_\_ method retrieves the value of the first element in the selection, or sets the value of the selected elements.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​height() | b. | ​addClass() | |  | c. | ​width() | d. | val() |  |  |  | | --- | --- | |  |  | |
| 12. Some jQuery animation methods allow you to specify the keywords \_\_\_\_ to set the speed of the animation.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​slow and fast | b. | ​​tortoise and hare | |  | c. | ​​stop and go | d. | ​​walk and run |  |  |  | | --- | --- | |  |  | |
| 13. jQuery includes a(n) \_\_\_\_ method that allows jQuery code to coexist with code for another library that uses the same alias.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​alias() | b. | ​sharedAlias() | |  | c. | ​conflict() | d. | noConflict()​ |  |  |  | | --- | --- | |  |  | |
| 14. Which jQuery method narrows the group of selected elements to the first element?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​previous() | b. | ​next() | |  | c. | ​first() | d. | ​last() |  |  |  | | --- | --- | |  |  | |
| 15. Which jQuery method narrows the group of selected elements to the last element?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​previous() | b. | ​next() | |  | c. | ​first() | d. | ​last() |  |  |  | | --- | --- | |  |  | |
| 16. Which jQuery method do you use to add a class name to one ore more selected elements? ​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​html() | b. | ​removeClass() | |  | c. | ​addClass() | d. | ​clone() |  |  |  | | --- | --- | |  |  | |
| 17. What action does a jQuery event method perform if it is called with empty parentheses?​   |  |  |  | | --- | --- | --- | |  | a. | ​It fires the indicated event. | |  | b. | ​It removes any matching event listener on the selection. | |  | c. | ​It creates an event listener on the window object. | |  | d. | ​It does nothing. |  |  |  | | --- | --- | |  |  | |
| 18. Which is the correct syntax to create a function that uses jQuery?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​$.function name() {} | b. | ​$(name()).function {} | |  | c. | ​$(function) name() {} | d. | ​function name() {} |  |  |  | | --- | --- | |  |  | |
| 19. ​Which is an advantage of using jQuery animation methods rather than coding animations yourself in JavaScript?   |  |  |  | | --- | --- | --- | |  | a. | ​Coding the animations yourself might require writing and debugging many lines of JavaScript. | |  | b. | ​The jQuery animation effects cannot be created with plain JavaScript. | |  | c. | ​You cannot select certain web page elements without using jQuery. | |  | d. | ​There is no particular advantage to using one or the other. |  |  |  | | --- | --- | |  |  | |
| 20. What language is the jQuery library written in? ​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​PHP | b. | ​HTML | |  | c. | ​JavaScript | d. | ​CSS |  |  |  | | --- | --- | |  |  | |

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| **Matching** |

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| Match each item with a statement below:​   |  |  |  |  | | --- | --- | --- | --- | | a. | ​plain JavaScript | b. | ​slideDown() | | c. | ​click() | d. | target | | e. | ​jQuery | f. | first() | | g. | ​CDN | h. | library | | i. | ​alias | j. | fadeOut() | |

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| 21. ​A library that enables developers to implement many common JavaScript tasks with minimal code - e   |  |  | | --- | --- | |  |  | |
| 22. ​An alternative name - i   |  |  | | --- | --- | |  |  | |
| 23. ​JavaScript without jQuery - a   |  |  | | --- | --- | |  |  | |
| 24. ​Property whose value is the target element on which an event was fired - d   |  |  | | --- | --- | |  |  | |
| 25. A jQuery method that hides elements by changing their opacity and display values - j   |  |  | | --- | --- | |  |  | |
| 26. ​A useful set of code - h   |  |  | | --- | --- | |  |  | |
| 27. ​A jQuery method that displays elements by changing their height from 0 to the full value - b   |  |  | | --- | --- | |  |  | |
| 28. ​A jQuery method that narrows the group of selected elements to the first element. - f   |  |  | | --- | --- | |  |  | |
| 29. ​A jQuery method that specifies code to execute on a click event - c   |  |  | | --- | --- | |  |  | |
| 30. ​A server you can link to to include the jQuery library in your project - g   |  |  | | --- | --- | |  |  | |

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| 31. Ajax gets its name from the fact that when it was first used, it was practical only with JavaScript and \_\_\_\_.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ActiveX | b. | DOM | |  | c. | XML | d. | HTTPS | |
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| 32. The XMLHttpRequest object uses \_\_\_\_ to exchange data between a client computer and a web server.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | HTTP | b. | FTP | |  | c. | HTTPS | d. | SSL | |
| 33. By combining the \_\_\_\_ object with DHTML techniques, you can update and modify individual portions of your web page with data received from a web server.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | AjaxRequest | b. | XMLHttpRequest | |  | c. | HttpRequest | d. | XMLRequest | |
| 34. You can use a server-side script as a \_\_\_\_ to access data from another domain.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | proxy | b. | switch | |  | c. | router | d. | firewall | |
| 35. The purpose of the \_\_\_\_ policy is to prevent malicious scripts from modifying the content of other windows, tabs, and frames and prevent the theft of private browser information and information displayed on secure web pages.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | privacy | b. | proxy | |  | c. | delegation | d. | same-origin | |
| 36. A(n) \_\_\_\_ is a data source made available on one domain for use on other domains across the web.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | AJAX request | b. | web service | |  | c. | HTTP service | d. | DHTML service | |
| 37. Every web page is identified by a unique address called the \_\_\_\_.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | host string | b. | host | |  | c. | URL | d. | HTTP | |

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| 38. The term \_\_\_\_ refers to the application, usually a web browser, that makes the request.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | HTTP server | b. | host | |  | c. | HTTP URL | d. | HTTP client | |
| 39. The term \_\_\_\_ is another name for a web server and refers to a computer that receives HTTP requests and returns responses to HTTP clients.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | URL | b. | HTTP client | |  | c. | HTTP server | d. | host | |
| 40. The term \_\_\_\_ refers to a computer system that is being accessed by a remote computer.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | protocol | b. | host | |  | c. | client | d. | URL | |

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| 41. ​Which of the following is a mouse event?   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​touchstart | b. | ​click | |  | c. | ​pointerup | d. | ​clientX |  |  |  | | --- | --- | |  |  | |
| 42. ​Which of the following is a touch event?   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​touchend | b. | ​mousedown | |  | c. | ​pointermove | d. | ​clientY |  |  |  | | --- | --- | |  |  | |
| 43. ​Which of the following is a pointer event?   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​touchcancel | b. | ​mouseout | |  | c. | ​pointerdown | d. | ​clientX |  |  |  | | --- | --- | |  |  | |
| 44. Which event is fired when a user moves a finger off the screen or outside of an object's containing element?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​touchstart | b. | ​touchmove | |  | c. | ​touchend | d. | ​touchcancel |  |  |  | | --- | --- | |  |  | |
| 45. ​The touchstart event is roughly analogous to the \_\_\_\_ event.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​click | b. | ​mouseup | |  | c. | ​mousedown | d. | ​mouseover |  |  |  | | --- | --- | |  |  | |
| 46. To disable interface gestures in response to pointer events, you change the value off the \_\_\_\_ property.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​touches | b. | ​clientX | |  | c. | ​touchAction | d. | ​msTouchAction |  |  |  | | --- | --- | |  |  | |
| 47. You access methods of the Geolocation API using the geolocation property of the \_\_\_\_ object.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​Screen | b. | ​Window | |  | c. | ​Navigator | d. | ​Location |  |  |  | | --- | --- | |  |  | |
| 48. To request a user's position a single time, you use the \_\_\_\_ method of the Geolocation API.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​getCurrentPosition() | b. | ​watchPosition() | |  | c. | ​clearWatch() | d. | ​latitude() |  |  |  | | --- | --- | |  |  | |
| 49. To continually monitor a user's position, you use the \_\_\_\_ method of the Geolocation API.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​getCurrentPosition() | b. | ​watchPosition() | |  | c. | ​clearWatch() | d. | ​latitude() |  |  |  | | --- | --- | |  |  | |
| 50. A device's \_\_\_\_ detects its orientation in space.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​gyroscope | b. | ​camera | |  | c. | ​accelerometer | d. | ​battery |  |  |  | | --- | --- | |  |  | |
| 51. A device's \_\_\_\_ detects changes in speed.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​gyroscope | b. | ​camera | |  | c. | ​accelerometer | d. | ​battery |  |  |  | | --- | --- | |  |  | |
| 52. Which of the following is NOT removed when minifying a file?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | spaces​ | b. | ​comments | |  | c. | ​indents | d. | ​line breaks |  |  |  | | --- | --- | |  |  | |
| 53. The *success* and *fail* arguments of the getCurrentPosition() method, which are executable code, are examples of \_\_\_\_.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​API keys | b. | ​properties | |  | c. | callbacks | d. | ​minifiers |  |  |  | | --- | --- | |  |  | |
| 54. Which type of events focus on responding to finger touches on a touchscreen?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​Drag events | b. | ​Pointer events | |  | c. | ​Touch events | d. | ​Mouse events |  |  |  | | --- | --- | |  |  | |
| 55. Which type of events aim to handle input from a mouse, finger, or stylus with each event?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​Drag events | b. | ​Pointer events | |  | c. | ​Touch events | d. | ​Mouse events |  |  |  | | --- | --- | |  |  | |
| 56. Which array contains coordinates of all touches currently on the screen?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​touches | b. | ​allTouches | |  | c. | ​targetTouches | d. | ​changedTouches |  |  |  | | --- | --- | |  |  | |
| 57. Pointer events are supported only by certain versions of which browser?   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | Mozilla Firefox | b. | Google Chrome | |  | c. | Apple Safari | d. | ​Microsoft Internet Explorer |  |  |  | | --- | --- | |  |  | |
| 58. The object returned by the getCurrentPosition() method of the Geolocation API contains a single property named \_\_\_\_.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​coordinates | b. | ​coords | |  | c. | ​geolocation | d. | ​geo |  |  |  | | --- | --- | |  |  | |
| 59. In the Google Maps API, the \_\_\_\_ constructor creates a map object.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | Create()​ | b. | ​New() | |  | c. | ​Map() | d. | ​LatLng() |  |  |  | | --- | --- | |  |  | |
| 60. In the Google Maps API, you specify coordinates with the \_\_\_\_ constructor.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | Coords()​ | b. | ​Coordinates() | |  | c. | ​New() | d. | ​LatLng() |  |  |  | | --- | --- | |  |  | |
| 61. HTTP was originally designed to be \_\_\_\_, which means that web browsers stored no persistent data about a visit to a website.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | stateless | b. | stateful | |  | c. | state-aware | d. | state-active | |
| 62. You create hidden form fields with the \_\_\_\_ element.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | option | b. | select | |  | c. | input | d. | hidden | |
| 63. You can use a(n) \_\_\_\_ to pass information, such as search criteria, from one web page to another.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | text area | b. | query string | |  | c. | label | d. | image button | |
| 64.  To create a query string, you add a \_\_\_\_ immediately after a URL, followed by the query string.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | & | b. | ! | |  | c. | ? | d. | % | |
| 65. You separate individual name-value pairs within a query string using \_\_\_\_.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | % | b. | & | |  | c. | $ | d. | ? | |
| 66. The \_\_\_\_ property of the Location object contains a URL’s query or search parameters.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | query | b. | arguments | |  | c. | parameters | d. | search | |
| 67. The most widespread way on the web today of storing state information on a user's computer is using \_\_\_\_.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | cookies | b. | scripts | |  | c. | hidden form fields | d. | query strings | |
| 68. \_\_\_\_ cookies remain available only for the current browser session.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | Persistent | b. | Temporary | |  | c. | Local | d. | Global | |
| 69. \_\_\_\_ cookies remain available beyond the current browser session and are stored in a text file on a client computer.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | Persistent | b. | Global | |  | c. | Local | d. | Temporary | |
| 70. You use the \_\_\_\_ property of the Document object to create cookies in name-value pairs.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | query | b. | state | |  | c. | hidden | d. | cookie | |
| 71. The cookie property is created with a required \_\_\_\_ attribute.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | value | b. | path | |  | c. | name | d. | expires | |
| 72. You can use special characters in your cookies if you use \_\_\_\_.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | encoding | b. | Unicode | |  | c. | strings | d. | URIs | |

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| 73. The built-in \_\_\_\_ function is used in JavaScript for encoding the individual parts of a URI.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | encodeCookie() | b. | encodeURLComponent() | |  | c. | encodeURIComponent() | d. | encodeComponent() | |
| 74. The \_\_\_\_ attribute of the cookie property determines how long a cookie can remain on a client system before it is deleted.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | path | b. | expires | |  | c. | secure | d. | domain | |
| 75. The \_\_\_\_ attribute determines the availability of a cookie to other web pages on a server.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | domain | b. | secure | |  | c. | path | d. | expires | |
| 76. The \_\_\_\_ attribute is used for sharing cookies across multiple servers in the same domain.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | expires | b. | domain | |  | c. | path | d. | secure | |
| 77. The \_\_\_\_ attribute indicates that a cookie can only be transmitted across a secure Internet connection using HTTPS or another security protocol.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | domain | b. | expires | |  | c. | path | d. | secure | |
| 78. \_\_\_\_ refers to the writing of code in such a way that minimizes any intentional or accidental security issues.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | Secure coding | b. | Bulletproofing | |  | c. | Seal coding | d. | Strong coding | |
| 79. The \_\_\_\_ property of the Document object changes the origin of a document to its root domain name.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | root | b. | domain | |  | c. | environment | d. | path | |
| 80. To delete a cookie, you change the \_\_\_\_ property.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | domain | b. | expires | |  | c. | path | d. | secure | |