

Unit - 2 jQuery

1. jQuery is a _____.

- A. JavaScript Library
- B. JSON Library
- C. Java Library
- D. JSON and CSS Library

2. To work with jQuery, you should have the basic knowledge of these topics?

- A. HTML
- B. CSS
- C. JavaScript
- D. All of the above

3. Who developed jQuery?

- A. John Richard
- B. John Resig
- C. John Carter
- D. John Alexander

4. In which year jQuery was initial released?

- A. 2004
- B. 2005
- C. 2006
- D. 2007

5. Is jQuery case-sensitive?

- A. Yes
- B. No

6. Which feature(s) jQuery contains?

- A. HTML/DOM manipulation
- B. CSS manipulation
- C. AJAX
- D. All of the above

7. Which sign is used to define/access jQuery?

- A. \$
- B. .
- C. &
- D. #

8. Which jQuery is used to hide the current element?

- A. \$(this).hideelement()
- B. \$(this).hide('true')
- C. \$(this).hide(0)
- D. \$(this).hide()

9. Which is the correct jQuery statement to hide all <div> elements?

- A. \$("div").hide()
- B. \$(div).hide()
- C. \$(".div").hide()
- D. \$("#div").hide()

10. Which is the correct jQuery statement to hide all elements having class name "new"?

- A. \$("new").hide()

- B. `$(new).hide()`
- C. `$(".new").hide()`**
- D. `$("#new").hide()`

11. Which is the correct jQuery statement to hide all elements having id name "new"?

- A. `$("new").hide()`
- B. `$(new).hide()`
- C. `$(".new").hide()`
- D. `$("#new").hide()`**

12. What is the use of jQuery Selectors?

- A. jQuery selectors are used to select and manipulate HTML element(s).**
- B. jQuery selectors are used to import the HTML elements from the other file.
- C. jQuery selectors are used to select and manipulate JSON elements(s).
- D. jQuery selectors are used to select and manipulate ReactJS classes.

13. Which is the correct jQuery selector statement to select all <div> elements?

- A. `$(".div")`
- B. `$("#div")`
- C. `$("div")`**
- D. `$("<div>")`

14. Which sign is used for class selector?

- A. `$class`
- B. `.class`**
- C. `#class`
- D. None

15. Which sign is used for id selector?

- A. `$id`
- B. `.id`
- C. `#id`**
- D. None

16. Why #id selectors are used for?

- A. To select all elements having the id**
- B. To select all elements without having the id
- C. To select all elements having the id within a specified <div>
- D. To select all elements having the id within a specified section.

17. Which is the correct jQuery selector to select all elements?

- A. `$("all")`
- B. `$("*.*")`
- C. `$("*")`**
- D. `$("****")`

18. Which is the correct jQuery selector to select current HTML element?

- A. `$(this)`**
- B. `$(cur)`
- C. `$(.this)`
- D. `$(#this)`

19. Which is the correct jQuery selector to select all <div> elements with class name "new"?

- A. `$(".new")`
- B. `$("div.new")`**

- C. `$(".div.new")`
- D. `$(".div#new")`

20. Which is the correct jQuery selector to select the first HTML element?

- A. `$("element_name.first")`
- B. `$("element_name#first")`
- C. `$("element_name::first")`
- D. **`$("element_name:first")`**

21. Which is the correct jQuery selector to select the first <div> of the HTML document?

- A. `$("div.first")`
- B. `$("div#first")`
- C. `$("div::first")`
- D. **`$("div:first")`**

22. Which is the correct jQuery selector to select the first list item of element?

- A. **`$("ul li:first")`**
- B. `$("ul:first")`
- C. `$("li:first")`
- D. `$("ul.li:first")`

23. Which is the correct jQuery selector to select the first list item of every element?

- A. **`$("ul li:first-child")`**
- B. `$("ul li:first.*")`
- C. `$("li:first-child")`
- D. `$("ul:first-child")`

24. Which is the correct jQuery selector to select all elements having "href" attribute?

- A. `$("a.[href]")`
- B. `$("a:[href]")`
- C. `$("[href].*")`
- D. **`$("[href]")`**

25. Which is the correct jQuery selector to select all <button> elements and <input> elements with type="button"?

- A. `$(".button")`
- B. `$(":button")`
- C. **`$("button","input type='button'")`**
- D. `$(":button,:input")`

26. Which is the correct jQuery selector to select all even table rows?

- A. `$("tr::even")`
- B. `$("tr.even")`
- C. **`$("tr:even")`**
- D. `$("tr:#even")`

27. Which is the correct jQuery selector to select all odd table rows?

- A. `$("tr::odd")`
- B. `$("tr.odd")`
- C. **`$("tr:odd")`**
- D. `$("tr:#odd")`

28. Which method is used to attach an event handler function to an HTML element on mouse click?

- A. **`click()`**
- B. `Click()`

- C. `dblclick()`
- D. `DbClick()`

29. Which method is used to attach an event handler function to an HTML element on mouse double click?

- A. `click()`
- B. `Click()`
- C. **`dblclick()`**
- D. `DbClick()`

30. Which method is used to attach an event handler function to an HTML element when the mouse pointer enters the HTML element?

- A. `mouseover()`
- B. `mousevisit()`
- C. `mouse-enter()`
- D. **`mouseenter()`**

31. Which method is used to attach an event handler function to an HTML element when the mouse pointer leaves the HTML element?

- A. `mouseLeave()`
- B. **`mouseleave()`**
- C. `mouse-leave()`
- D. `mouseexit()`

32. Which method is used to attach an event handler function to an HTML element when the left, middle or right mouse button is pressed down, while the mouse is over the HTML element?

- A. **`mousedown()`**
- B. `mouseover()`
- C. `mousepress()`
- D. `mousekey()`

33. Which method is used to attach an event handler function to an HTML element when the left, middle or right mouse button is released, while the mouse is over the HTML element?

- A. **`mouseup()`**
- B. `mouseover()`
- C. `mouseabove()`
- D. `mousekey()`

34. Which method is used to attach an event handler function to an HTML element when the mouse moves over the HTML elements?

- A. `mousemove()`
- B. `mouseover()`
- C. **`hover()`**
- D. `mousehover()`

35. Which method is used to attach an event handler function to an HTML element when the form field gets focus?

- A. `focused()`
- B. `focuses()`
- C. `focuselement()`
- D. **`focus()`**

36. Which method is used to attach an event handler function to an HTML element when the form field loses focus?

- A. **`blur()`**
- B. `leave()`

- C. focusleave()
- D. leavefocus()

37. Which method is used to attach one or more event handlers for the selected elements?

- A. at()
- B. atelements()
- C. on()**
- D. focuson()

38. What is the use of jQuery method toggle()?

- A. To hide shown elements and to show hidden elements**
- B. To remove current element
- C. To shift current element at the previous position
- D. All of the above

39. Which jQuery method is used to fade in a hidden element?

- A. fade()
- B. fadeIn()**
- C. fadeOut()
- D. fadeToggle()

40. What is the syntax of jQuery fadeIn() method?

- A. \$(selector).fadeIn();
- B. \$(selector).fadeIn(callback, speed);
- C. \$(selector).fadeIn(callback);
- D. \$(selector).fadeIn(speed,callback);**

41. Which jQuery method is used to fade out a visible element?

- A. fadeout()
- B. fadeIn()
- C. fadeOut()**
- D. fadeToggle()

42. What is the syntax of jQuery fadeOut() method?

- A. \$(selector).fadeOut();
- B. \$(selector).fadeOut(callback, speed);
- C. \$(selector).fadeOut(callback);
- D. \$(selector).fadeOut(speed,callback);**

43. Which jQuery method toggles between the fadeIn() and fadeOut() methods?

- A. toggle()
- B. Toggle()
- C. fadeToggle()**
- D. fadetoggle()

44. What is the syntax of jQuery fadeToggle() method?

- A. \$(selector).fadeToggle();
- B. \$(selector).fadeToggle(callback, speed);
- C. \$(selector).fadeToggle(callback);
- D. \$(selector).fadeToggle(speed,callback);**

45. Which jQuery method allows fading to a given opacity (value between 0 and 1)?

- A. fade()
- B. fadeOpacity()
- C. fadeTo()**

D. `fadeto()`

46. Which is the correct jQuery statement to fade out a <p> element?

A. `$("p").fadeOut();`

B. `$("#p").fadeOut();`

C. `$(".p").fadeOut();`

D. `$("p").fadeout();`

47. Which is the correct jQuery statement to fade out a <p> element with duration effect "slow"?

A. `$("p").fadeOut("slow");`

B. `$("#p").fadeOut("slow");`

C. `$(".p").fadeOut("slow");`

D. `$("p").fadeout();`

48. Which jQuery method is used to slide down an element?

A. `slideBottom()`

B. **`slideDown()`**

C. `slidedown()`

D. `slide()`

49. Which jQuery method is used to slide up an element?

A. **`slideUp()`**

B. `slideBottom()`

C. `slidebottom()`

D. `slide()`

50. Which jQuery method toggles between the slideDown() and slideUp() methods?

A. `slide ()`

B. `slideSwitch()`

C. `slidetoggle()`

D. **`slideToggle()`**

51. Which jQuery method is used to create custom animations?

A. `animation()`

B. `slidAnimate()`

C. **`animate()`**

D. `SlideAnimate()`

52. What is the correct syntax of animate() method?

A. `$(selector).animate({params},speed,callback);`

B. `$(#selector).animate({params},speed,callback);`

C. `$(selector).animate(speed,callback);`

D. `$(selector).animate({speed,callback,params});`

53. In the syntax of animate() method, why params parameter is used?

A. It is used to define the speed of the animation

B. It is used to define the mouse events on the HTML element

C. **It is used to define the CSS property to be animated**

D. None of the above

54. In the syntax of animate() method, what is/are the valid value(s) of speed parameter?

A. `slow`

B. `fast`

C. `milliseconds`

D. **All of the above**

55. Which jQuery method is used to stop an animation before it is finished?

- A. `animate(false)`
- B. `animate('false')`
- C. `animate("false")`
- D. `stop()`**

56. What is the correct syntax of `stop()` method?

- A. `$(selector).stop(stopAll,goToEnd);`**
- B. `$(selector).stop(speed,callback);`
- C. `$(selector).stop(stopAll,goToEnd,callback);`
- D. `$(selector).stop(stopAll,speed);`

57. In jQuery DOM, what does DOM stand for?

- A. Data Object Model
- B. Document Object Manipulation
- C. Document Object Model**
- D. Document On Model

58. Which jQuery DOM method is used to set or return the text content of selected elements?

- A. `content()`
- B. `text()`**
- C. `html()`
- D. `val()`

59. Which jQuery DOM method is used to set or return the content of selected elements (including HTML markup)?

- A. `content()`
- B. `text()`
- C. `html()`**
- D. `val()`

60. Which jQuery DOM method is used to set or return the value of form fields?

- A. `content()`
- B. `text()`
- C. `html()`
- D. `val()`**

61. Which is the correct jQuery statement to get the text content of an HTML element having id "notification"?

- A. `$("#notification").text()`
- B. `$("#notification").text()`**
- C. `$(".notification").text()`
- D. `$("#notification").val()`

62. Which jQuery DOM method is used to get the attribute value?

- A. `attr()`**
- B. `attribute()`
- C. `attrib()`
- D. `val()`

63. Which is the correct jQuery statement to get the value "href" attribute having id "top"?

- A. `$("#top").attr("href")`
- B. `$(".top").attr("href")`
- C. `$("#top").attr("href")`
- D. `$("#top").attr("href")`**

64. Which jQuery DOM method is used to insert content at the end of the selected elements?

- A. insert()
- B. add()
- C. append()**
- D. appendValue()

65. Which jQuery DOM method is used to insert content at the beginning of the selected elements?

- A. insert()
- B. before()
- C. append()
- D. prepend()**

66. Which jQuery DOM method is used to insert content after the selected elements?

- A. after()**
- B. postpend()
- C. addafter()
- D. prepend()

67. Which jQuery DOM method is used to insert content before the selected elements?

- A. before()**
- B. addbefore()
- C. addprepend()
- D. prepend()

68. Which is the correct syntax to insert content at the end of the <p> elements?

- A. `$("#p").append("Text to be added");`
- B. `$("p").before("Text to be added");`
- C. `$("p").append("Text to be added");`**
- D. `$("p").prepend("Text to be added");`

69. Which is the correct syntax to insert content at the beginning of the <p> elements?

- A. `$("#p").before("Text to be added");`
- B. `$("p").addafter("Text to be added");`
- C. `$("p").after("Text to be added");`
- D. `$("p").prepend("Text to be added");`**

70. Which is the correct syntax to insert content after the <div> elements?

- A. `$("div").after("Text to be added");`**
- B. `$("div").postpend("Text to be added");`
- C. `$("div").addafter("Text to be added");`
- D. `$("#div").after("Text to be added");`

71. Which is the correct syntax to insert content before the <div> elements?

- A. `$("div").before("Text to be added");`**
- B. `$("div").prepend("Text to be added");`
- C. `$("div").addbefore("Text to be added");`
- D. `$("#div").before("Text to be added");`

72. What is the difference between remove() and empty() methods?

- A. remove() removes the selected element and its child elements while empty() removes the child elements of the selected element**
- B. remove() removes the child elements of the selected element while empty() removes the selected elements and its child elements
- C. remove() removes the child elements while empty() removes the content of the selected element

- D. `remove()` removes the child elements while `empty()` removes the content of the selected element and its child elements

73. Write a jQuery statement to remove all child elements only from the element having id "notif"?

- A. `$("notif").empty();`
- B. `$("#notif").empty();`**
- C. `$(".notif").empty();`
- D. `$("<notif>").empty();`

74. Write a jQuery statement to remove all <p> elements with class="prog"?

- A. `$(".prog").remove();`
- B. `$("p").empty(".prog");`
- C. `$("p").remove(".prog");`**
- D. `$("p.prog").remove();`

75. Write a jQuery statement to remove all <pre> elements with class="prog" and class="old"?

- A. `$(".prog#old").remove();`
- B. `$("pre").empty(".prog", ".old");`
- C. `$("pre").remove(".prog, .old");`**
- D. `$("pre.prog.old").remove();`

76. Which method is used to add CSS class to the selected elements?

- A. `add()`
- B. `addClass()`**
- C. `addClasses()`
- D. `AddClasses()`

77. Can we add more than one CSS classes to the selected elements using the `addClass()` method?

- A. Yes**
- B. No

Answer: A) Yes

78. Which method is used to remove CSS class to the selected elements?

- A. `removeCSS()`
- B. `removeClass()`**
- C. `removeClassses()`
- D. `RemoveClass()`

79. Which method is used to set or get the CSS style attribute?

- A. `cssAttribute()`
- B. `attribute()`
- C. `attr()`
- D. `css()`**

80. Which is the correct syntax to get the value of a CSS style attribute/property using the `css()` method?

- A. `css("propertyname");`**
- B. `css(propertyname);`
- C. `css(".propertyname");`
- D. `css("#propertyname");`

81. Which is the correct syntax to set the value of a CSS style attribute/property using the `css()` method?

- A. `css("propertyname"="value");`
- B. `css("propertyname", "value");`**
- C. `css("propertyname": "value");`
- D. `css("propertyname" := "value");`

82. Which is the correct jQuery statement to set background color and text decoration to all <p> elements?

- A. `$("p").css({"background-color": "#f1f1f1"; "text-decoration": "underline"});`
- B. `$("#p").css({"background-color": "#f1f1f1"; "text-decoration": "underline"});`
- C. **`$("p").css({"background-color": "#f1f1f1", "text-decoration": "underline"});`**
- D. `$("#p").css({"background-color": "#f1f1f1", "text-decoration": "underline"});`

83. Which jQuery method is used to get or set the width of an HTML element?

- A. `cssWidth()`
- B. `Csswidth()`
- C. `length()`
- D. **`width()`**

84. Which jQuery method is used to get or set the height of an HTML element?

- A. `cssHeight()`
- B. `CssHeight()`
- C. **`height()`**
- D. `getHeight()`

85. Which jQuery methods are used to get or set the width and height of an HTML element including the paddings?

- A. **`innerWidth()` and `innerHeight()`**
- B. `width()` and `height()`
- C. `cssWidth()` and `cssHeight()`
- D. `elementWidth()` and `elementHeight()`

86. Which jQuery methods are used to get or set the width and height of an HTML element including the paddings and borders?

- A. **`outerWidth()` and `outerHeight()`**
- B. `width()` and `height()`
- C. `cssWidth()` and `cssHeight()`
- D. `elementWidth()` and `elementHeight()`

87. Which are the jQuery methods for traversing up the DOM tree?

- A. `parent()`
- B. `parents()`
- C. `parentsUntil()`
- D. **All of the above**

88. Which jQuery method is used to get the direct parent element of the selected element?

- A. **`parent()`**
- B. `parents()`
- C. `parentsUntil()`
- D. All of the above

89. Which jQuery method is used to get the all ancestor elements of the selected element, all the way up to the document's root element (<html>)?

- A. `parent()`
- B. **`parents()`**
- C. `parentsUntil()`
- D. All of the above

90. Which jQuery method is used to get the all ancestor elements between two given arguments?

- A. `parent()`
- B. `parents()`

- C. **parentsUntil()**
- D. All of the above

91. There is a <pre> element, write a jQuery statement to get it's parent?

- A. **\$("pre").parent();**
- B. \$("pre").parents();
- C. \$("pre").parentsUntil();
- D. None of the above

92. Which are the jQuery methods for traversing down the DOM tree?

- A. children()
- B. find()
- C. childrens()
- D. **Both A. and B.**

93. Which jQuery method is used to get all direct children of the selected element?

- A. **children()**
- B. find()
- C. childrens()
- D. Both A. and B.

94. Which jQuery method is used to get descendant elements of the selected element, all the way down to the last descendant?

- A. children()
- B. **find()**
- C. childrens()
- D. Both A. and B.

95. What will the following jQuery code do?

```
$(document).ready(function () {  
    $("pre").siblings();  
});
```

- A. It will return all parent elements of <pre> element
- B. It will return all children elements of <pre> element
- C. **It will return all sibling elements of <pre> element**
- D. It will return all nonrelative elements of <pre> element

96. Which is the correct jQuery statement to change the color of all <p> elements which are sibling elements of <pre>?

- A. \$("#pre").siblings("p").css({"color": "red"});
- B. \$(".pre").siblings("p").css({"color": "red"});
- C. \$("pre").siblings(".p").css({"color": "red"});
- D. **\$("pre").siblings("p").css({"color": "red"});**

97. Which jQuery method is used to get the next sibling element of the selected element?

- A. sibling()
- B. nextSibling()
- C. **next()**
- D. siblings()

98. Which jQuery method is used to get the all next sibling element of the selected element?

- A. siblingAll()
- B. nextSiblingAll()
- C. **nextAll()**

D. `siblingsAll()`

99. Let suppose there are multiple `<h3>` elements in an HTML document, which is the correct jQuery statement to get the first `<h3>` element?

- A. `$("h3").first();`
- B. `$("h3").parent();`
- C. `$("h3").firstParent();`
- D. `$("h3").top();`

100. Let suppose there are multiple `<h3>` elements in an HTML document, which is the correct jQuery statement to get the last `<h3>` element?

- A. `$("h3").last();`
- B. `$("h3").children();`
- C. `$("h3").lastChild();`
- D. `$("h3").down();`

101. Which of the following is not the feature of jQuery?

- A. Efficient query method for finding the set of document elements
- B. Expressive syntax for referring to elements in the document
- C. Useful set of methods for manipulating selected elements
- D. **Powerful functional programming techniques is not used for operating on sets of elements as a group**

102. What does the min mean in the following JavaScript code?

```
<script src="jquery-1.4.2.min.js"></script>
```

- A. **Minimised version**
- B. Miniature
- C. Minimised parameters
- D. Minimum value