

Scripting Languages

UNIT - 1

Assignment-Cum-Tutorial Questions

Section-A :Objective Questions

1. jQuery is a [CO1][L1] []
a) JavaScript Library b) JavaScript Language
c) JavaScript Method d) PHP Method
2. Is jQuery a library for [CO1][L1] []
a) Server scripting b) Client scripting
3. What scripting language is jQuery written in? [CO1][L1] []
a) C++ b) JavaScript c) VBScript d) C#
4. Here is a jquery code: [CO1][L2]

```
$(document).ready(function(){});
```

Why do we place all jQuery methods inside this code? []

a) Because jQuery is never compiled
b) It shows where jQuery starts and ends
c) To enable the DOM to load jQuery
d) To prevent jQuery code from running before the document is fully loaded
5. \$(selector).action() – What does this jquery syntax format do? []
[CO1][L2]
a) Select an HTML element and then use HTML to act on it
b) Select an HTML element and perform some action on it
c) Perform an action on an element and then select it
d) Perform selection and ignore the action
6. When referencing an HTML element preceded by a # (pound or hash), what javascript function is this equivalent to? [CO1][L1] []
a) getElementById b) getElementByClassName
c) getElementByTagName d) None of the above
7. Which of the following jQuery syntax uses the class selector [] [CO1][L2]
a) \$('#temp') b) \$('.temp') c) \$('class') d) \$('temp').class
8. \$('#temp').action() [CO1][L2]
What type of selector is used in the above jQuery syntax? []
a) id selector b) class selector c) name selector d) value selector

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9. Look at the following jQuery selector: `$("div#intro .head")`. What does it select?

[CO1][L3]

[]

- a) The first element with `id="head"` inside any `div` element with `class="intro"`
- b) All elements with `class="head"` inside the first `div` element with `id="intro"`
- c) All `div` elements with `id="intro"` or `class="head"`
- d) None of the above

10. Which of the following jQuery selector selects elements with the given element tag-name? [CO1][L4]

[]

- a) `$('tag-name')`
- b) `$('#tag-name')`
- c) `$('.tag-name')`
- d) None of the above.

11. Which of the following jQuery selector selects element with the given element id some-id? [CO1][L4]

[]

- a) `$('some-id')`
- b) `$('#some-id')`
- c) `$('.some-id')`
- d) `$('@some-id')`

12. Which of the following jQuery selector select elements whose css class is some-class? [CO1][L4]

[]

- a) `$('some-class')`
- b) `$('#some-class')`
- c) `$('.some-class')`
- d) None of the above.

13. Which of the following jQuery selector selects all elements available in a DOM? [CO1][L4]

[]

- a) `$('*')`
- b) `$('?')`
- c) `$('#')`
- d) None of the above.

14. Which jQuery method is used to hide selected elements? [CO1][L4]

[]

- a) `hidden()`
- a) `hide()`
- c) `visible(false)`
- d) `display(none)`

15. Which of the following is correct about callbacks? [CO1][L2]

[]

- a) A callback is a plain JavaScript function passed to some method as an argument or option.
- b) Some callbacks are just events, called to give the user a chance to react when a certain state is triggered.
- c) Both of the above.
- d) None of the above.

16. `$('#masterList').find('li').width(500).addClass('selected');` [CO1][L3]

The phenomena occurring in the above code is called? []

- a) Chaining
- b) Event bubbling
- b) AJAX
- d) Animating

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17. Which jQuery method is used to switch between adding/removing one or more classes (for CSS) from selected elements? [CO1][L4] []
a) toggleClass() b) switch() c) altClass() d)switchClass()
18. The speed options can be applied to which jQuery functions? []
a) css and ajax b) show and fadeIn [CO1][L2]
c) toggleCss d) All of the above
19. Which function do you reference in HTML form data? [CO1][L2] []
a) value() b) formData() c) val() d) None of the above
20. Which function do you reference in content of selected elements? [CO1][L2] []
a) html() b) text() c) val() d) None of the above
21. When do you use the \$(this) code? [CO1][L2] []
a) When an HTML element will reference its own action.
b) When an HTML element will reference its parent element's action
c) When an HTML element will reference the entire document
d) None of the above.
22. What is the correct jQuery code to set the background color of all “p” elements to red? [CO1][L4] []
a) \$("p").layout("background-color","red");
b) \$("p").manipulate("background-color","red");
c) \$("p").style("background-color","red");
d) \$("p").css("background-color","red");

Section-B

1. Define jQuery? List all the advantages of jQuery. [CO1][L2]
2. Differentiate between JavaScript and jQuery? [CO1][L4]
3. List and explain in detail different types of selectors available in jQuery. [CO1][L4]
4. Define Event. Explain with an example how Click event is handled in jQuery. [CO1][L2]
5. Write a jQuery program to handle various mouse events. [CO1][L6]
6. Write a jQuery program to handle various key board events. [CO1][L6]
7. Design the webpage by using the following jQuery event methods: [CO1][L6]

- (i) dblclick
 - (ii) hover
 - (iii) focus
 - (iv) submit
8. Create the webpage by using the following jQuery effect methods: [CO1][L6]
- (i) hide
 - (ii) show
 - (ii) fadeOut
 - (iii) slideToggle
 - (iv) animate
9. List and explain in detail various jQuery Fading Methods [CO1][L2]
10. What is method chaining in jQuery? Give an example. [CO1][L2]
11. Explain with an example the use of html() method in jQuery? [CO1][L3]
12. What is the purpose of jQuery css() Method? Give examples. [CO1][L2]