

THE STATE UNIVERSITY OF ZANZIBAR

CS/INF 2215-Web Technologies

**Test 1 TIME 30 minutes      Answer all Questions      Date: 22<sup>nd</sup> May, 2019 02:00 PM.**

*NB: Circle only correct answer for Question 1-14, and write only answer in front of question for remaining ones; Answer may contain a maximum of two words only*

1. Which of the HTTP headers does the browser look at to decide how to display the retrieved document?
  - a) Format
  - b) Content-type
  - c) Display-type
  - d) Content-length
  - e) Location
  - f) ETAG
2. Which of the following is NOT part of a Uniform Resource Locator?
  - a) Operating System
  - b) Protocol
  - c) Document
  - d) Host
3. Which HTML tag typically generates a request to retrieve a document?
  - a) img
  - b) p
  - c) h1
  - d) b
  - e) div
  - f) a
4. Which of the following is a template that defines the shape of an object that is created?
  - a) Method
  - b) Inheritance
  - c) Class
  - d) Message
  - e) Instance
5. Which of the following describes a feature which we would expect from a programming language that supported first class functions?
  - a) The ability to have a variable number of parameters when calling a function
  - b) The ability for a function not to return a value (i.e. void functions)
  - c) The ability to omit parameters and have the omitted parameters default to a value
  - d) The ability to define a function and assign the function to a variable
  - e) The ability to return a value from a function
6. What is the keyword / predefined variable that is used in a JavaScript class definition to refer to the "current instance" of the class?
  - a) Self
  - b) self
  - c) this
  - d) me
  - e) \$this

7. What do these two statements in JavaScript accomplish?

```
data.stuff = "hello";  
data['stuff'] = "hello";
```

- a) The first statement is a syntax error in JavaScript
- b) The first statement creates an object and the second creates a dictionary
- c) These two statements accomplish the same thing
- d) The second statement is a syntax error in JavaScript

8. What is the purpose of the following JQuery ready() call?

```
$(document).ready(function(){  
window.console && console.log('Hello JQuery..');  
});
```

- a) Enable the retrieval of data in the JSON format
- b) Ascertain if the document is ready to load
- c) Clear the browser window so drawing can start in the upper left hand corner
- d) Register a function that will be called when the HTML document is completely loaded

9. What portion of the DOM (Document Object Model) will be affected by the following JQuery statement:

```
$('#para').css('background-color', 'red');
```

- a) A tag with an id attribute of "para"
- b) All tags with a class attribute of "para"
- c) All elements in the DOM
- d) A tag with a class attribute of "para"

10. What will the following JQuery code select from the given HTML?

```
<p id="p">two  
<input type="text" name="one" value="three" title="four">  
<input type="text" name="five" class="p" value="p">  
</p>  
<script>  
$('#p').find('input[name="one"]').val();  
</script>
```

- a) five
- b) four
- c) two
- d) one
- e) three

11. Which of the following is not a primitive type supported in JSON?

- a) array
- b) integer
- c) boolean
- d) string
- e) url

12. In the following JSON, how would you print the value "six"?

```
data = {'one': 'two', 'three': 4,  
       'five': ['six', 'seven'],  
       'eight': {'nine': 10, 'ten': 11 }  
}
```

- a) alert(data.five[0])
- b) alert(data['six'])
- c) alert(five.six)
- d) alert(data.eight.nine)
- e) alert(five)

13. What would the following JavaScript print out?

```
data = {'one':'two', 'three': 4,  
        'five': ['six', 'seven'],  
        'eight': {'nine': 10, 'ten': 11 }  
};
```

- a) 11
- b) seven
- c) 10
- d) six
- e) Nine

14. Which of the following JQuery statements will hide spinner.gif in this HTML?

```
<div id="chatcontent">  
  
</div>
```

- a) \$("img>spinner.gif").hide();
- b) \$("spinner.gif").suppress();
- c) \$("spinner.gif").alt \= \-1;
- d) \$(".chatcontent").off();
- e) \$("#chatcontent").hide();

#### Short Answer Question

- 15. What command are used for a first time Git setup.
- 16. What Git command do you use to save your changes to the server?
- 17. Name the type of value that is used with the git clone command to clone a repository to your local system.
- 18. What command would you use to setup a folder (directory) as a local git location?
- 19. Name the correct command to save the changes for existing files in the local git folder.