

National University of Computer and Emerging Sciences, Lahore Campus



Course: Web Programming
 Program: BS (Computer Science)
 Duration: 25 Minutes
 Date: 5-Dec-18
 Section: CS-A
 Quiz: 4

Course Code: CS-406
 Semester: Fall 2018
 Total Marks: 25
 Weight: -
 Page(s): 2
 Reg. No. 116-4313

Instruction/Notes:

Write the correct answer in the answer box provided. Each MCQ is of one 1 mark.

1. What does XML stand for?
☒ a) eXtensible Markup Language
☐ b) X-Markup Language
☐ c) eXtra Modern Link
☐ d) Example Markup Language
2. There is a way of describing XML data, how?
☐ a) XML uses a description node to describe data
☒ b) XML uses a DTD to describe the data
☐ c) XML uses XSL to describe data
3. XML's goal is to replace HTML
☐ a) True
☒ b) False
4. What does DTD stand for?
☒ a) Document Type Definition
☐ b) Dynamic Type Definition
☐ c) Data Type Definition
☐ d) Direct Type Definition
5. Which statement is true?
☐ a) All XML documents must have a DTD
☒ b) All XML elements must be properly closed
☐ c) All the statements are true
☐ d) All XML elements must be lower case
6. Is this a "well formed" XML document?

```
<?xml version="1.0"?>
<note>
<to age="29">Tove</to>
<from>Jani</from>
</note>
```

- a) No
☒ b) Yes
7. What is a correct way of referring to a stylesheet called "mystyle.xml" ?
☐ a) <stylesheet type="text/xsl" href="mystyle.xml" />
☒ b) <?xml-stylesheet type="text/xsl" href="mystyle.xml" ?>
☐ c) <link type="text/xsl" href="mystyle.xml" />
8. What are XML entities used for?
☒ a) Entities define shortcuts to standard text or special characters
☐ b) Entities define shortcuts to standard attributes
☐ c) Entities define shortcuts to standard elements

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9. Which of the following is true about AngularJS expressions?
- Expressions are used to bind application data to html.
 - Expressions are written inside double braces like {{ expression}}.
 - Expressions behave in same way as ng-bind directives.
 - ☒ All of the above.
10. In AngularJS, what is \$scope variable used for?
- Get/set values for model, view and controller
 - To get values of variables within the implementation scope
 - Store data
 - Get/set values in a function call
11. What will be the correct statement for the conditional
- ```
xhttp.onreadystatechange = function() {
 if (.....) {
 document.getElementById("demo").innerHTML = this.responseText;
 }
};
xhttp.open("GET", "ajax_info.txt", true); xhttp.send();
```
- this.readyState == 3 && this.status == 300
  - ☒ this.readyState == 4 && this.status == 200
  - this.readyState == 1 && this.status == 200
  - None of the above
12. From the following which is/are the important method(s) of XMLHttpRequest?
- open() and send()
  - setRequestHeader()
  - ☒ Both of the above
  - None of the above
13. Which property is used to check whether AJAX request has been completed.
- onreadyState
  - open
  - ready
  - ☒ readyState
14. Regarding the XMLHttpRequest Object, does the order in which one calls the "open" method and assign a function to the onReadyStateChange event handler matter?
- Yes
  - ☒ No
15. In AngularJS, what is \$scope variable used for?
- To get values of variables within the implementation scope
  - Get/set values for model, view and controller
  - Store data
  - Get/set values in a function call
16. Which of the following is valid for AngularJS module
- ☒ var app = angular.module("myApp", []);
  - var app = angular.module(["myApp", "param"]);
  - var app = angular.module();
  - var app = angular.module("myApp");
17. What is the parent of \$scope in AngularJS?
- @super
  - ☒ \$rootScope



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- c) \$super
- d) \$root

18. In context of AngularJS, what does SPA stand for?

- a. Software Publisher Association
- b. Software Product Assessment
- ☒ c. Single Page Application
- d. Single Point of Access

19. The ng-bind directive binds \_\_\_\_\_.

- a. Data to model
- ☒ b. View to controller
- c. Model to HTML element
- d. Model to \$scope

20. AngularJS filters \_\_\_\_\_.

- a. Format the data without changing original data
- ☒ b. Filter the data to display on UI
- c. Fetch the data from remote server
- d. Cache the subset of data on the browser

21. Which of the following statements are true?

- a. AngularJS controller maintains application data & behaviour using \$scope
- b. AngularJS controller can be created in separate JS file
- c. AngularJS controller can be added into module
- d. All of the above

22. Which of the following service is used to retrieve or submit data to the remote server?

- ☒ a. \$http
- b. \$XMLHttpRequest
- c. \$window
- d. \$get

23. Which of the following provider can be used to configure routes?

- a. \$routeProvider
- b. \$url
- c. \$rulesProvider
- d. None of the above

24. Which of the following is true about ng-init directive?

- ☒ A. ng-init directive initializes an AngularJS Application data.
- B. ng-init directive is used to put values to the variables to be used in the application.
- C. Both of the above.
- D. None of the above.

25. Which directive do we need to add to an html element if we want to bind the Angular controller?

- a. ng-init
- ☒ b. ng-controller
- c. ng-bind
- d. None of the above

Answer

|    |   |   |
|----|---|---|
| 1  | a | ✓ |
| 2  | b | ✓ |
| 3  | b | ✓ |
| 4  | a | ✓ |
| 5  | b | ✗ |
| 6  | b | ✓ |
| 7  | b | ✓ |
| 8  | a | ✓ |
| 9  | d | ✓ |
| 10 | a | ✓ |
| 11 | b | ✓ |
| 12 | c | ✓ |
| 13 | d | ✓ |
| 14 | b | ✓ |
| 15 | b | ✗ |
| 16 | a | ✓ |
| 17 | b | ✓ |
| 18 | c | ✓ |
| 19 | b | ✗ |
| 20 | b | ✓ |
| 21 | d | ✓ |
| 22 | a | ✓ |
| 23 | a | ✓ |
| 24 | a | ✓ |
| 25 | b | ✓ |