

Quiz Submissions - CS571 Summer 2020: Web Technologies Exam 2

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Attempt 2

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Submission View

Your quiz has been submitted successfully.

Cookies and Privacy Questions [10 pts]

Questions are worth 5 points each.

Question 1

5 / 5 points

Which of the following are different types of cookies?

- Non-secure cookies
- Fourth-party cookies
- Server-side and client-side cookies
- Conversion-tracking cookies
- Persistent cookies

Question 2

5 / 5 points

What are the parties involved in Web advertising? Select all that apply.

- Website visitors
- Third-parties
- Ad network
- Website owners
- Advertisers

Web Security Questions [10 pts]

Each question is worth 5 points.

Question 3

4 / 5 points

Which of the following are client-side attacks?

- Cross-site scripting
- Clickjacking
- Browser and Plugin vulnerability
- Insufficient Authentication
- Cross-Site Request Forgery (CSRF)

Question 4

4 / 5 points

Which types of hacks can cause damage on the client side?

- Deface pages, altering content
- Install malicious software
- Stealing cookies
- Log user keystrokes
- Denial of Service

REST Questions [5 pts]

Each question is worth 5 points.

Question 5

4 / 5 points

For REST Web Services, select the statements that are true.

- JSON-RPC is an example of REST

- Complex REST services may use as many as 11 HTTP methods
- In REST resources are uniquely identified by URLs
- REST provides security and encryption
- 3 Fundamentals aspects of REST Design Patterns are clients, servers and operations

High-Performance Websites Questions [10 pts]

Each question is worth 5 points.

Question 6

5 / 5 points

Select the types of files should be compressed to improve web site performance.

- Minified JavaScript files
- JSONP files
- GIF files
- Text files
- XML files

Question 7

5 / 5 points

Which of the following are rules to improve Web site performance?

- Compress text and PDF files
- Use Sprites
- Use POST instead of GET
- Make scripts and stylesheets external
- Put scripts at the top and stylesheets at the bottom

HTML5 Questions [10 pts]

Each question is worth 5 points.

Question 8

5 / 5 points

Which of the following are removed elements in HTML5?

- center
- embed
- font
- footer
- frameset

Question 9

5 / 5 points

Which of the following are new elements in HTML5.

- applet
- header
- column
- article
- aside

Ajax Questions [15 pts]

Each question is worth the listed points.

Question 10

1 / 1 point

[1 point] Synchronous XMLHttpRequest() has been deprecated.

- True
- False

Question 11

2 / 3 points

[3 points] Consider the following object:

```
var xhr = new XMLHttpRequest();
```

Which values should be checked in the callback?

- xhr.status is 404
- xhr.statusText is OK
- xhr.readyState is 4

Question 12

2 / 2 points

[2 points] Consider the following code snippet:

```
j = eval("(" + text + ")");
```

Select all answers that are TRUE for such code.

- It is part of JSON.parse()
- It is very unsafe

Question 13

2 / 3 points

[3 points] Select all valid XMLHttpRequest() Object methods.

- getRequestMethod("header")
- abort()
- setResponseHeader("header", "value")

Question 14

4 / 4 points

[4 points] What are some of the characteristics of Ajax applications? Select all that apply.

- They are single page
- They have static icons
- They present live content
- They have visual effects

Question 15

1 / 1 point

[1 point] The fetch() API includes an option that can be set to any of the REST HTTP Methods.

- True
- False

Question 16

1 / 1 point

[1 point] CORS and server proxy are good ways to avoid cross-domain browser restrictions.

- True
- False

JQuery Questions [10 pts]

Each question is worth the points listed.

Question 17

1 / 1 point

[1 point] Consider the following CSS, jQuery and HTML. Will the image properties be changed by the jQuery code?

```
.bigImg {  
    border: 1px solid black;  
}  
  
$("img.userIcon").load(function() {  
    if ( $( this ).height() > 100 {  
        $( this ).addClass("bigImg");  
    }  
});  
  
<body>  
  
</body>
```

- True
- False

Question 18

3 / 3 points

[3 points] Which of the following selectors are part of the Basic selectors category? Check all that apply.

- Form
- Element
- Multiple

Question 19

2 / 2 points

[2 points] What type of selector is the name="value" selector, as in the following example:

```
$("input[value='Hot Fuzz']").text( "Hot Fuzz" );
```

- Attribute Contains selector
- Attribute Equals selector

Question 20

2 / 2 points

[2 points] What type of selector is the 'header' selector, as in the following example:

```
$(":header").css({ background: "#ccc", color: "blue" });
```

- Basic Filter selector
- Basic selector

Question 21

2 / 2 points

[2 points] What is the jQuery code that corresponds to the following DOM code?

```
mybutton = document.getElementById("mybutton");
```

- \$(".myButton");
- jQuery("#myButton");

Responsive Website Design (RWD) Questions [10 pts]

Each question is worth the points listed.

Question 22

2 / 2 points

[2 points] Consider the following media queries:

```
<link rel="stylesheet" media="only screen and (min-width:320px) and (max-width: 760px)" href="css1.css">  
<link rel="stylesheet" media="only screen and (min-width:761px) and (max-width: 1100px)" href="css2.css">
```

What different device sizes they fail to support?

- Devices with large screens
- Devices with small screens

Question 23

3 / 4 points

[4 points] Select all the reasons why hosting a separate .mobi website is not recommended.

- Results in content synchronization issues
- Nobody is using .mobi TLDs
- Redirect take time
- Will work on multiple device sizes

Question 24

3 / 4 points

[4 points] What are properties of fluid grids? Select all that apply.

- Have to adjust width manually for certain devices
- Define grids based on number of rows and columns
- Elements will adjust their widths and heights by the specified proportions to their parent container
- Defined using relative dimensions

▼ Hide Feedback

Frameworks Questions [10 pts]

Each question is worth the points listed.

Question 25

1 / 2 points

[2 points] Select which of the following are TRUE of TypeScript.

- Can seamlessly consume JavaScript
- A Semantic superset of JavaScript

Question 26

0 / 3 points

[3 points] Select which of the following are TRUE of Angular (version 2 though 9).

- Uses services to increase usability and flexibility
- Can be used to build Single Page Applications, by rendering plain HTML at the server side
- Architecture based on services

Question 27

1 / 2 points

[2 points] Which of the following are TRUE of React? Select all that apply.

- React can be used to build Android and iOS apps
- Components are building blocks of React apps

Question 28

2 / 3 points

[3 points] Which of the following are TRUE of Node.js? Select all that apply.

- Is bundled with 'npm'
- Includes modules that handle I/O
- Provides POSIX functions for File I/O

Serverless Questions [10 pts]

Each question is worth the points listed.

Question 29

3 / 4 points

[4 points] Select which of the following are TRUE of Serverless Architectures.

- No compute resource to manage
- Provide authorization and authentication services
- Provisioning and scaling handled by the client
- Execution environment provided by service

Question 30

2 / 3 points

[3 points] Select which of the following are TRUE of AWS Lambda?

- Not suitable for real-time data processing
- Complex resource model
- Easy to build scalable back-end services

Question 31

3 / 3 points

[3 points] Which of the following are properties of a container like Docker? Select all that apply.

- Lightweight
- Solve security issues
- Package an application with all its dependencies into a standardized unit for software development

Attempt Score:85 / 100 - 85 %

Overall Grade (highest attempt):85 / 100 - 85 %

Done