

Quiz Submissions - CS571 Spring 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

Cookies include a number of components, some required, some optional. Select only the required components:

- Name / value pair
- Domain
- Secure flag
- HttpOnly flag
- Expiration date

Question 2

5 / 5 points

Which of the following are ways to opt out of cookies?

- Use cookie management tools in browser
- Check account preferences on registration sites
- Select "do not track" in browser
- Upload opt-out cookies
- View current cookies and delete what you do not need

Web Security Questions [10 pts]

Each question is worth 5 points.

Question 3

5 / 5 points

Which of the following are Injection Attacks?

- Cross Site Request Forgery (CSRF)
- DDoS attack
- Search Worms
- SQL Injection
- Content Spoofing

Question 4

5 / 5 points

Which of the following are authentication attacks?

- Insufficient Authentication
- Content Spoofing
- Cross-Site Request Forgery (CSRF)
- Brute Force Attacks
- Weak Password Recovery Validation

REST Questions [5 pts]

Each question is worth 5 points.

Question 5

5 / 5 points

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

- GET requests should be used for read-only queries
- Use of query strings should be maximized

- POST requests should be used for creating data
- POST requests can also be used for read-only queries
- REST protocol includes handling encryption

High-Performance Websites Questions [10 pts]

Each question is worth 5 points.

Question 6

5 / 5 points

Select all conditions where a “cached object” is fresh.

- The origin server is asked to validate the object
- If browser cache has seen the object recently, and has been set to check once per session
- It has expire header with time set in the future
- A proxy cache has seen the object recently, and it was modified long ago
- Current age is greater than age value given in cache-control header

Question 7

5 / 5 points

Which of the following are ways to reduce the number of HTTP requests?

- Split images
- Combine cookies
- Combine scripts
- Combine Style Sheets
- Use Image Maps

HTML5 Questions [10 pts]

Each question is worth 5 points.

Question 8

5 / 5 points

Which of these are popular HTML5 video codecs?

- VP9
- H.264
- Ogg
- Theora
- Audio Video Interleave (AVI)

Question 9

5 / 5 points

Select capabilities included in HTML5.

- Drag and Drop API
- Drag files from Desktop into HTML5 window
- Editable content
- Interactive canvas gradient
- Storage

Ajax Questions [15 pts]

Each question is worth the listed points.

Question 10

3 / 3 points

[3 points] Which JavaScript method is used primarily with JSON?

- run()
- eval()
- exec()

Question 11

2 / 2 points

[2 points] Select which XMLHttpRequest method actually triggers the request to the server?

- send()

[Content](#)

[open\(\)](#)

Question 12

3 / 3 points

[3 points] Which property of XMLHttpRequest() will be populated with a JSON response?

- response
- responseXML
- responseText

Question 13

1 / 1 point

[1 point] The XMLHttpRequest object can be used to upload a file

- True
- False

Question 14

4 / 4 points

[4 points] Of the URLs below, select the ones that have the same origin as http://www.ajaxbook.com?

- http://carsearch.ajaxbook.com
- http://www.ajaxbook.com/ajax
- https://www.ajaxbook.com
- http://www.ajaxbook.com:8443

Question 15

1 / 1 point

[1 point] The web browser displays a visual progress indicator while the XMLHttpRequest is being processed.

- True
- False

Question 16

1 / 1 point

[1 point] Creating an instance of the XMLHttpRequest object is the same in all latest browsers

- True
- False

JQuery Questions [10 pts]

Each question is worth the points listed.

Question 17

2 / 2 points

[2 points] What is the JavaScript object added by jQuery?

- jQuery
- \$

Question 18

1 / 1 point

[1 point] jQuery has fairly complex ajax support functions

- True
- False

Question 19

2 / 2 points

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

```
$( "div" ).css( "border", "9px solid red" );
```

- Basic selector
- Basic Filter selector

Question 20

2 / 2 points

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

```
$( "div:contains('John')" ).css( "text-decoration", "underline" );
```

- Basic Filter selector
- Content Filter selector

Question 21**3 / 3 points**

[3 points] Which of the following objects are abstracted by jQuery? Check all that apply.

- DOM
- JSON
- XMLHttpRequest

Responsive Website Design (RWD) Questions [10 pts]

Each question is worth the points listed.

Question 22**4 / 4 points**

[4 points] Select which concepts are the basis of Responsive Website Design.

- CSS3 media queries
- fluid grids
- flexible images
- content reduction

Question 23**0 / 2 points**

[2 points] Select valid reasons why hosting a .mobi website is not recommended

- It hinders search engines
- Requires duplication of content

Question 24**4 / 4 points**

[4 points] Select RWD usability guidelines on mobile devices.

- maximize text entry
- reduce amount of content
- use single or two columns
- change navigation

Frameworks Questions [10 pts]

Each question is worth the points listed.

Question 25**2 / 2 points**

[2 points] Select which JavaScript Framework(s) provides two-way Service/Component architecture?

- Angular
- React

Question 26**3 / 3 points**

[3 points] Select which of the following is NOT true of NodeJS.

- is event driven
- handles networking
- uses blocking I/O model

Question 27**2 / 2 points**

[2 points] Select which of the following is true of React.

- Does not implement MVC
- Is a framework like Angular

Question 28**3 / 3 points**

[3 points] Select which of the following is true of Angular 2+.

- Uses JavaScript
- Based on service/component
- Good for SEO

Serverless Questions [10 pts]

Each question is worth the points listed.

Question 29

4 / 4 points

[4 points] Select all components of a Microservice.

- a FaaS
- a Container
- a REST endpoint
- a data store

Question 30

3 / 3 points

[3 points] Select which of the following is true of AWS Lambda?

- Functions are unit of deployment
- Can be triggered by HTTP only
- Adapts to rates of incoming requests

Question 31

3 / 3 points

[3 points] Select all features of a container.

- require a VM
- portable
- made mainstream by Docker

Attempt Score:98 / 100 - 98 %

Overall Grade (highest attempt):98 / 100 - 98 %

[Done](#)