

Quiz Submissions - CS571 Spring 2020: Web Technologies Exam 2

X

Anish Vaidya (username: aavaidya@usc.edu)

Attempt 1

Written: Nov 23, 2020 5:08 PM - Nov 23, 2020 5:19 PM

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:

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

Question 2

5 / 5 points

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

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

Web Security Questions [10 pts]

Each question is worth 5 points.

Question 3

5 / 5 points

Which of the following are authentication attacks?

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

Question 4

5 / 5 points

Which of the following are Injection Attacks?

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

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.

- 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
- GET requests should 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.

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

Question 7

5 / 5 points

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

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

HTML5 Questions [10 pts]

Each question is worth 5 points.

Question 8

5 / 5 points

Select capabilities included in HTML5.

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

Question 9

5 / 5 points

Which of these are popular HTML5 video codecs?

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

Ajax Questions [15 pts]

Each question is worth the listed points.

Question 10

1 / 1 point

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

- True
- False

Question 11

4 / 4 points

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

- <http://www.ajaxbook.com/ajax>
- <http://carsearch.ajaxbook.com>

<https://www.ajaxbook.com> <http://www.ajaxbook.com:8443>**Question 12****2 / 2 points**

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

 open() send()**Question 13****3 / 3 points**

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

 run() eval() exec()**Question 14****0 / 1 point**

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

 True False**Question 15****3 / 3 points**

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

 responseText responseXML response**Question 16****0 / 1 point**

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

 True False**JQuery Questions [10 pts]**

Each question is worth the points listed.

Question 17**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 18****3 / 3 points**

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

 XMLHttpRequest DOM JSON**Question 19****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" );
```

 Content Filter selector Basic Filter selector**Question 20****2 / 2 points**

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

 iQuerv



\$

Question 21**0 / 1 point**

[1 point] jQuery has fairly complex ajax support functions

- True
 False

Responsive Website Design (RWD) Questions [10 pts]

Each question is worth the points listed.

Question 22**1 / 2 points**

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

- It hinders search engines
 Requires duplication of content

Question 23**3 / 4 points**

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

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

Question 24**4 / 4 points**

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

- CSS3 media queries
 flexible images
 fluid grids
 content reduction

Frameworks Questions [10 pts]

Each question is worth the points listed.

Question 25**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 26**0 / 2 points**

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

- Does not implement MVC
 Is a framework like Angular

**0 / 2 points****Question 28****2 / 2 points**

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

- Angular
 React

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 REST endpoint
- a data store
- a Container

Question 30 3 / 3 points

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

- require a VM
- made mainstream by Docker

Question 31 3 / 3 points

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

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

Question 31 3 / 3 points

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

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

Attempt Score:93 / 100 - 93 %

Overall Grade (highest attempt):93 / 100 - 93 %

[Done](#)