Quiz Submissions - CS571 Summer 2022: Web Technologies Exam 2



Attempt 1

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Submission View

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Responsive Website Design (RWD) Questions

Question 1 2 / 2 points

[2 Points] The major difference between different versions of Bootstrap is the number of grid tiers.

- 🗸 🌘 a) True
 - b) False

Question 2 0.667 / 2 points

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

- χ 🗸 May work on multiple device sizes
- Results in content synchronization issues
- Nobody is using .mobi TLDs

Question 3 2/2 points

[2 points] Consider the following media queries:

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

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

What different device sizes they fail to support? Select all that apply.

- Devices with large screens
- ✓ ✓ Devices with small screens

Question 4 2/2 points

[2 points] Select valid reasons why hosting a mobile.myconpany.com website is not recommended. Select all that apply.

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It is not approved by ICANN	
✓✓ It requires redirect	
✓ It hinders search engines	
✓ Requires duplication of content	
Question 5	1.5 / 2 points
[2 points] Select RWD usability guidelines on mobile devices.	
reduce amount of content	
maximize text entry	
✓ use single or two columns	
⇒ ✓ change navigation	
Serverless Questions	
Question 6	2 / 2 points
[2 points] Select which of the following are true of AWS Lambda? Select all that	t apply.
Complex resource model	
Easy to build scalable back-end services	
Not suitable for real-time data processing	
✓ V NoSQL architecture	
Question 7	1.5 / 2 points
[2 points] Which of the following are TRUE of Serverless Architectures? Select	all that apply.
Scaling is hard to implement	
Serverless applications depend on custom code that's run in epheme	eral containers
Managing of compute resources is not available	
→ ✓ Provisioning is handled by the service itself	
Question 8	2 / 2 points
[2 points] Select the components of a Microservice. Select all that apply.	
✓ a data store	
√ a FaaS	
✓ a REST endpoint	
a Container	

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Question 9

relationship.

A) True

B) False

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PDF files	
JQuery Questions	
Question 18	0 / 2 points
[2 Points] jQuery is not needed when DOM manipulation is not used.	
a) True	
b) False	
Question 19	2 / 2 points
[2 points] What is the JavaScript object added by jQuery? Select all that apply.	, ,
✓ ✓ \$	
√ JQuery	
Question 20	2 / 2 points
[2 points] What type of selector is the 'element' selector, as in the following example:	
<pre>\$("div").css("border", "9px solid red");</pre>	
✓ Basic selector	
Basic Filter selector	
Basic Border selector	
Question 21	2 / 2 points
[2 points] What is the jQuery code that corresponds to the following DOM code?	
<pre>var kids = n.childnodes;</pre>	
kids = \$("body").childnodes();	
<pre>kids = \$("body").children();</pre>	
Question 22	2 / 2 points
[2 points] What type of selector is the ':contains()' selector, as in the following examp	ole:
<pre>\$("div:contains('John')").css("text-decoration", "underline");</pre>	
Select one correct answer.	
✓ Content Filter category	
Child Contains category	
Child Filter category	

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JSONP CORS VIDEO tag

\Rightarrow \times \bigcirc	
✓ XMLHttpRequest	
FRAME tag	
Browser plugins	
Question 27	0 / 2 points
[2 Points] At which point a TOR path is "unencrypted"?	
At the "entry node" of the TOR network	
On any TOR relay node that is not using HTTPS	
At the "exit node" to the destination website	
Question 28	2 / 2 points
[2 points] Which of the following are client-side attacks? Select all that apply.	
✓ Cross-site scripting (XSS)	
Insufficient Authentication	
✓ Browser and Plugin vulnerability	
✓ Cross-Site Request Forgery (CSRF)	
✓ Clickjacking	
Question 29	2 / 2 points
[2 Points] Select what is a JSON array vulnerable to? Select only one correct answer	
Bypassing same origin policy	
✓ JavaScript Hijacking	
SQL Injection	
Search worm	
Question 30	2 / 2 points
[2 Points] A DDoS attack occurs when a system is overwhelmed with malicious electronic traffic	ic.
✓ (a) True	
b) False	
Cookies and Privacy Questions	

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Question 31

0.8 / 2 points

[2 points] Which of the following are ways to opt out of co

View current cookies and delete what you do not need

Select "do not track" in browser

Use cookie management tools in browser

★ Upload opt-out cookies

Check account preferences on registration sites

Question 32 2/2 points

[2 points] What are the parties involved in Web advertising? Select all that apply.

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

Question 33 1.6 / 2 points

[2 points] Cookies include a number of components, some required, some optional. What are the two (2) required components? Select only those two.

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

1St Half Course Questions

2/2 points **Question 34**

[2 Points] Consider the following Python code:

```
x = {"apple", "banana", "cherry"}
#display x:
print(x)
```

<pre>#display the data type of x: print(type(x))</pre>	
What gets printed?	
{'apple', 'banana', 'cherry'} <class 'list'=""></class>	
{'apple', 'banana', 'cherry'} <class 'tuple'=""></class>	
{'apple', 'banana', 'cherry'} <class 'set'=""></class>	
Question 35 2 /	2 points
[2 Points] What is the purpose of the HSTS header?	
A security feature that lets a web site tell browsers that it should only be communicated with HTTPS	th using
A feature used to indicate whether or not a browser should be allowed to render a page in a <frame/> or <iframe>.</iframe>	3
A performance feature that improves caching of web pages	
Question 36 1.333 /	2 points
[2 Points] Select all statements that are TRUE regarding JSON vs. XML. Select all that apply.	
⇒ 💢 🦳 XML has to be parsed with an XML parser	
⇒ ✓✓ JSON is shorter than XML	
⇒ 💢 🔲 JSON is quicker to read and write than XML	
✓ XML cannot be used to receive data from a web server	
Question 37 1.5 /	2 points
[2 Points] Select all true properties of the DOM. Select all that apply.	
→ ✓✓ The DOM is language independent	
The DOM represents an HTML file as a tree	
The DOM is a programming interface	
The DOM is OS independent	

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Question 38 2 / 2 points

```
[2 Points] Consider the following example from w3schools.com.
```

```
<!DOCTYPE html>
<html>
<head>
<style>
* {
 text-align: center;
 color: blue;
</style>
</head>
<body>
<h1>Hello world!</h1>
It's happening
Me too!
Not me!
</body>
</html>
```

Select all the actual behaviors of this code. Select all that apply.

- "Not me!" is black
- "Hello World!" is blue
- "It's happening" is centered
- "Me too!" is flush left

Question 39 2/2 points

[2 Points] HTML describes the structure of a Web page.



b) False

Question 40 2/2 points

[2 Points] Consider the following example from w3schools.com.

```
<!DOCTYPE html>
<html>
<body>
```

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<h2>Hello</h2>	World	
<script></th><th colspan=11><script></th></tr><tr><th>console.lo</th><th>og(5 + 6);</th><th></th></tr><tr><th></script>		
What value is	s displayed below Hello World?	
✓ Nothi	ng	
11		
Ajax Questions	s	
Question 41		1 / 1 point
[1 Point] Wha	at are solutions to the cross-domain issue for resources such as JavaScript of JSON?	
(A) Us	se a server "proxy"	
B) Us	se CORS, if available from the server side	
C) Ad	ccess exclusively resources in the same domain	
✓ • D) A	II of the above	
A		
View qu	uestion 41 feedback	
Question 42		0 / 1 point
[1 Point] Ajax	is used to	
💢 💿 a) Sr	peed up display of the page	
b) Re	eload all of the page	
c) D	irect the user to a new page	
⇒	eload part of the page	

Question 43	l / 1 point
[1 Point] Which of the following are true about AJAX?	
a) AJAX stands for Asynchronous JavaScript and XML.	
b) AJAX allows for just part of a page to be reloaded with direct access to the server.	
c) AJAX uses JavaScript and HTML DOM to display the data.	
d) All of the above	
Question 44	l / 1 point
[1 Point] During AJAX open(), what does it mean to pass in <false> to the third parameter and wh poor practice?</false>	y is it
✓ ■ A) False means the request will be executed synchronously. It is bad because a time-cons synchronous request on the main thread will degrade UX.	uming
B) False means the request will be executed asynchronously. It is bad because the flow of application gets disrupted and the order of code execution becomes ambiguous	f the
C) False means the request will be executed asynchronously. It is bad because it breaks for validation	orm
D) False means the request will be executed synchronously. It is bad because a time-cons synchronous request on the main thread will crash the browser.	uming
View question 44 feedback	
Question 45	l / 1 point
[1 Point] Which of the following is <u>not true</u> about AJAX?	
✓ ✓ A) AJAX must be performed in your remote script	
B) AJAX uses XMLHttpRequest to communicate with the server	

9/22, 12:12 AM : Quiz Submissions - CS571 Summer 2022: Web Technologies Exam 2 - CSCI571 - 20222 - Web Technologies C) JQuery includes the same functionality as AJAX	ologies - USC Viterbi Sc.
D) AJAX can be performed on submission of a form by adding the onsubmit paramtag	eter in the form
Question 46	2 / 2 points
[2 points] Of the URLs below, select only the ones that have the same origin as http://www.ajaxbook.com? Select all that apply.	
http://carsearch.ajaxbook.com	
https://www.ajaxbook.com	
http://www.ajaxbook.com/ajax	
http://www.ajaxbook.com:443	
Question 47	2 / 2 points
[2 points] Which of the URLs below have the same "origin" as https://mobile.ibm.co	om? Select all
https://mobile.ibm.net	
http://mobile.ibm.com	
https://mobile.ibm.com/top.html	
Question 48	1 / 1 point
[1 Point] The web browser displays a visual progress indicator while the XMLHttpR being processed.	Request is
True	
✓ ● False	
Question 49	1 / 1 point
[1 Point] Netscape 7 and Mozilla Firefox 1.0 were the first browsers to "clone" XMLHttpRed functionality from Internet Explorer.	quest
✓ (A) True	
B) False	
Question 50	1 / 1 point
[1 Point] The fetch() API includes an option that can be set to any of the REST HTT	P Methods.
✓ ● True	
False	

[1	Point]	The	fetch()	API ca	n receive	cross-sit	e cookies.
	Т	rue					

✓ (False

Question 52 1 / 1 point

[1 Point] To request CORS, with XMLHttpRequest, the client JavaScript must issue an Origin header.

- A) True
- ✓ B) False
- View question 52 feedback

HTML5 Questions

JavaScript Frameworks Questions

Question 53 2 / 2 points

[2 Points] Consider the following Express code.

```
var express = require('express');
var cors = require('cors');
var app = express();

<< Missing code >>

app.get('/products/:id', function (req, res, next) {
   res.json({msg: 'This is CORS-enabled for all origins!'})
});

app.listen(80, function () {
   console.log('CORS-enabled web server listening on port 80')
});
```

What code is missing to use CORS?

- cors.use(cors());
 app.send(cors());
- app.load(cors());
- ✓ app.use(cors());

Overall Grade (highest attempt):86.9 / 100 - 86.9 %

Done

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