## Quiz Submissions - CS571 Fall 2021: Web Technologies Exam 2



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## Attempt 1

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**Submission View** 

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**1St Half Course Questions** 

Question 1 2 / 2 points

[2 Points] A drawback of the eval() function is its vulnerability.

<b>/</b>	True
	False

**Question 2** 2/2 points

[2 Points] Select all statements that are TRUE of the <! DOCTYPE> declaration. Select all that apply.

- The <! DOCTYPE> declaration must only appear once
- The <! DOCTYPE> declaration for HTML5 is

<!DOCTYPE html>

- The <!DOCTYPE> declaration is case sensitive.
- The <! DOCTYPE> declaration represents the document type, and helps browsers to display web pages correctly

**Question 3** 2/2 points

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

<!DOCTYPE html>

<html>

<body>

**Serverless Questions** 

Distinguish every resource entity

**HTML5** Questions

**Question 13** 2 / 2 points

[2 points] Which of the following are new elements in HTML5. Select all that apply.

aside

A rectangle filled with red	
A square filled with red	
Cookies and Privacy Questions	
Question 16	2 / 2 points
[2 points] Which of the following are ways to opt out of cookies?	
Select "do not track" in browser	
✓ Upload opt-out cookies	
Check account preferences on registration sites	
✓ Use cookie management tools in browser	
View current cookies and delete what you do not need	
Question 17	2 / 2 points
[2 points] Cookies include a number of components, some required, some optional. V two (2) required components? Select only those two.	Vhat are the
<b>✓</b> Domain	
✓ HttpOnly flag	
Name / value pair	
✓ Secure flag	
Expiration date	
Question 18 1.	5 / 2 points
[2 Points] Select all valid attributes of cookies. Select all that apply.	
→   ✓     HttpOnly	
⇒ X SameSite	
<b>⇒</b> ✓ Expires	
<b>⇒</b> ✓ Path	

⇒ X SameParty	
➡ ✔ Max-age	
✓ Last Accessed	
⇒ ✓ Secure	
Ajax Questions	
Question 19	2 / 2 points
[2 points] Fonts on a web page may be requested across domains using CORS.	
✓ True	
False	
Question 20	2 / 2 points
[2 points] The web browser displays a visual progress indicator while the XMLHttpF being processed.	Request is
True	
✓ False	
Question 21	2 / 2 points
[2 points] Synchronous XMLHttpRequest() has been deprecated.	
✓ True	
False	
Question 22	2 / 2 points
[2 points] Select which XMLHttpRequest method actually triggers the request to t	he server?
open()	
✓ send()	
Question 23	2 / 2 points

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[2 points] Consider the following code snippet:

12/3/21,9:54 AM : Quiz Submissions - CS571 Fall 2021: Web Technologies Exam 2 - CSCI571 - 20213 - Web Technologies - USC Viterbi School of Engineer $ \dot{\textbf{j}} = \texttt{eval} ("("+\texttt{text} + ")"); $
Select all answers that are TRUE for such code.
It is part of JSON.parse()
It is very unsafe
✓ It only works with some browsers
Question 24 1.5 / 2 points
[2 points] What are some of the characteristics of Ajax applications? Select all that apply.
They have visual effects
They present live content
⇒ 🗶 They are single page
They have static icons
Question 25 1.333 / 2 points
[2 points] Consider the following object:
<pre>var xhr = new XMLHttpRequest();</pre>
Which values should be checked in the callback? Select all that apply.
⇒ ✓ xhr.status is 404
⇒ 💢 xhr.statusText is OK
xhr.readyState is 4
Question 26 2 / 2 points
[2 points] Consider the following code from one of the Ajax example shown in class:
<pre><!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN">       <html><head><title>My Third Ajax Script</title>   <script language="Javascript" src="script03.js" type="text/javascript">   </script></head>   <body><div id="pictureBar"> </div></body></html></pre>
And this JavaScript:
<pre>window.onload = initAll; var xhr = false; function initAll() {    same as previously except it calls getPix } function getPix() {    xhr.open("GET", "flickrfeed.xml", true);</pre>
xhr.onreadystatechange = <b>XXXXX1</b> ;

```
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   xhr.send(null);setTimeout("getPix()",5 * 1000); }
   function showPictures() {
        var tempDiv = document.createElement("div");
        var tempDiv2 = document.createElement("div");
        if (xhr.readyState == 4) {
             if (xhr.status == 200) {
             tempDiv.xxxxx2 = xhr.responseText;
             var allLinks = tempDiv.getElementsByTagName("a");
             for (var i=1; i<allLinks.length; i+=2) {</pre>
                  tempDiv2.appendChild(allLinks[i].cloneNode(true)); }
             allLinks = tempDiv2.getElementsByTagName("a");
             var randomImg = Math.floor(Math.random() * allLinks.length);
        document.getElementById("pictureBar").innerHTML =
   allLinks[randomImg].innerHTML;
             } else { alert("There was a problem with the request " +
   xhr.status); } }
   What should be the values of the two items listed as XXXXX1 and XXXXX2?
          callback and loadHTML
         showPictures and innerHTML
  Frameworks Ouestions
  Question 27
                                                                              2 / 2 points
   [2 points] Select which of the following is NOT true of NodeJS.
          uses blocking I/O model
          is event driven
          handles networking
  Question 28
                                                                              2 / 2 points
   [2 points] Which of the following are true of TypeScript? Select all that apply.
          Supports Optionals
         Supports MVC
         Includes support for classes and modules
  Question 29
                                                                              2 / 2 points
```

[2 Points] Consider the following Express code.

```
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   var express = require('express');
   var cors = require('cors');
   var app = express();
    << Missing code >>
    app.get('/products/:id', function (req, res, next) {
      res.json({msq: '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?
         app.use(cors());
         app.send(cors());
          cors.use(cors());
          app.load(cors());
  Question 30
                                                                                   2/2 points
    [2 points] Select which of the following are true of Angular (version 8+). Select all that apply.
          Supports FilterPipe and OrderByPipe
          Depends on TypeScript, RxJS and Node
          Includes a reactive programming library for JavaScript
  Question 31
                                                                                   2 / 2 points
    [2 points] Select which of the following is true of React. Select all that apply.
          Does not implement MVC
          Is a framework like Angular
  Web Security Questions
```

Question 32 2 / 2 points

[2 points] Which types of hacks can cause <u>damage to the user</u> on the client side apply.	e? Select all that
✓ Log user keystrokes	
✓ Deface pages, altering content	
✓ Denial of Service	
✓ Stealing cookies	
Install malicious software	
Question 33	1.667 / 2 points
[2 points] What are common ways that websites get infected? Select all that app	oly.
→ ✓ Attacks on Back-end virtual hosting companies	
Cross-site Spoofing	
Cross-site Scripting	
✓ XSP Scripting attacks	
SQL Injection attacks	
Question 34	1.667 / 2 points
[2 points] Which of the following are Injection Attacks?	
⇒ 🗶 📗 JavaScript Hijacking	
SQL Injection	
Content Spoofing	
Search Worms	
✓ DDoS attack	
Question 35	2 / 2 points
[2 points] Which of the following are authentication attacks?	
✓ Cross-Site Request Forgery (CSRF)	

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<b>✓</b> Brute Force Attacks	
Content Spoofing	
Weak Password Recovery Validation	
Question 36	2 / 2 points
[2 Points] The major reason to deprecating V2 Onion Service is exposure to attacks.	
✓ a) True	
b) False	
High-Performance Websites Questions	
Question 37	2 / 2 points
[2 points] Select the <u>types of files</u> should be compressed to improve web site performance all that apply.	mance.
JSONP files	
✓ PDF files	
✓ XML files	
✓ JPG files	
✓ Minified JavaScript files	
✓ Text files	
Question 38	2 / 2 points
[2 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	
Current age is greater than age value given in cache-control header	
If browser cache has seen the object recently, and has been set to check once session	e per
The origin server is asked to validate the object	

Question 39 2 / 2 points

that apply.	Select all
✓ Use Image Maps	
✓ Combine cookies	
Combine Style Sheets	
✓ Split images	
Combine scripts	
JQuery Questions	
Question 40	2 / 2 points
[2 points] jQuery has fairly complex ajax support functions.	
✓ True	
False	
Question 41	2 / 2 points
[2 points] Which of the following objects are abstracted by jQuery? Select all that ap	oply.
<b>✓</b> XMLHttpRequest	
✓ JSON	
<b>✓</b> DOM	
Question 42	2 / 2 points
[2 points] What type of selector is the 'contains' selector, as in the following example	e:
<pre>\$("div:contains('John')" ).css( "text-decoration", "underline" );</pre>	
Basic Text selector	
✓ Content Filter selector	
Basic Filter selector	

**Question 43** 1.333 / 2 points

[2 points] Which of the following selectors are part of the Basic Filter selectors category? Select all that apply.

:header selector

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:multiple selector	
⇒ 🗶 :first	
Question 44	2 / 2 points
[2 points] What type of selector is the 'header' selector, as in the following example:	
<pre>\$(":header").css({ background: "#ccc", color: "blue" });</pre>	
Basic selector	
<b>✓</b> Basic Filter selector	
Basic Color selector	
Question 45	2 / 2 points
[2 points] What type of selector is the ':contains()' selector, as in the following exam	ple:
<pre>\$( "div:contains('John')" ).css( "text-decoration", "underline" );</pre>	
Select one correct answer.	
✓ Content Filter category	
Child Filter category	
Child Contains category	
Responsive Website Design (RWD) Questions	
Question 46	1 / 2 points
[2 points] Select RWD usability guidelines on mobile devices.	
change navigation	
maximize text entry	
use single or two columns	
reduce amount of content	

Question 47 2 / 2 points

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Attempt Score:95.33 / 100 - 95.33 %

Overall Grade (highest attempt):95.33 / 100 - 95.33 %

Done