

cs3u _____

Name _____

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CSE 3
Final
Summer 2006

Page 1 _____ (17 points)

Page 2 _____ (15 points)

Page 3 _____ (21 points)

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Page 5 _____ (18 points)

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Page 9 _____ (20 points)

Page 10 _____ (8 points)

Total _____ (162 points = 154 base points + 8 points EC [5%])

1. The paste shortcut is _____ .
2. Something that looks like 128.54.33.107 is called a(n):
 - A. CMYK color specification
 - B. URL
 - C. IP address
 - D. domain name

3. Two equations are entered in cells B1 and B2.
The range B1:B2 is highlighted and copied over to cells C1:C2 and D1:D2.

a.) Fill in the resulting equations

	A	B	C	D	E
1	2	=A\$1+\$A2			
2	1	=\$A1+B1			

b.) Fill in the resulting values.

	A	B	C	D	E
1	2				
2	1				

4. If the formula, =B2 * .062 is copied from cell B4 to B5, the resulting formula will be:
 - A. =B5 * .062
 - B. =B4 * .062
 - C. =B3 * .062
 - D. none of the above

5. How many cells are in the range B2:E6?
 - A. 4
 - B. 12
 - C. 20
 - D. 25

9. Which of the following is an example of a purely relative cell reference?
 - A. J4
 - B. \$J4
 - C. J\$4
 - D. \$J\$4

7. Which of the following is a valid range of cells?
 - A. D1:G4
 - B. 3C:5D
 - C. A1-E3
 - D. all of the above

8. Specify the color Blue in hexadecimal in an HTML document using the color attribute:

color = _____

9. Which is faster?

- A. DSL
- B. Dialup
- C. Cable
- D. Carrier Pigeon

10. Complete the following anchor tag that will display the Google logo (google_logo.gif) as the clickable hypertext image and when the image is clicked the browser will go to www.google.com – just like in Lab3
Gaga for Google – your first web page:

<a _____ =" _____ "> < _____ >

11. The tag <body bgcolor = "#888888"> would give you the background color:

- A. black
- B. gray
- C. white
- D. rainbow

12. The file extension for a compressed audio file commonly used on the Internet is _____ .

13. The file extension for a bitmap image is _____ .

14. The file extension for compressed 24-bit graphics used prominently for web use is _____ .

15. The file extension for a PowerPoint presentation is _____ .

16. Global variables declared outside a function:

- A. can be used within any function
- B. cannot be changed within any function
- C. can be used within any function, but cannot be changed outside a function
- D. can only be used within the 1st function

17. Converting sound from discrete to analog format is done with a(n):

- A. CD-to-DVD converter
- B. digital-to-analog converter
- C. MP3-to-WAV converter
- D. analog-to-digital converter

18. MPEG works by using JPEG compression on each frame and:

- A. completely eliminated every 3rd frame (thus the name MP3 as the most popular type of MPEG)
- B. converting all the bits to hexadecimal (since 4 bits can be represented as 1 hexadecimal digit)
- C. tracking changes between frames (thus recording only these changes)
- D. recording the audio in a separate file (thus reducing the size of the MPEG file)

19. In Google, the best search to find High or Low and Water and not Bathtub would be

- A. High Low Water NOT Bathtub
- B. high OR low water -bathtub
- C. low endian OR high water EXCEPT bathtub
- D. "high OR low" AND "water" "- bathtub"

20. ZoneAlarm is
- A. a hardware firewall
 - B. a virus
 - C. an anti-spyware program
 - D. a software firewall
21. The name of the program we primarily used in lab to transfer files to you web server: _____.
22. _____ is the term given to emails that look authentic but attempt to fraudulently acquire sensitive personal information like credit card/bank account numbers and passwords.
23. GUI is short for _____.
24. Which of the following lines is properly nested?
- A. `<p><i>I Hate Finals!</i></p>`
 - B. `<p><i>I Hate Finals!</p></i>`
 - C. `</p></i>I Hate Finals!<p><i>`
 - D. `</p></i>I Hate Finals!<i><p>`
25. The Internet friendly size/resolution of pictures we discussed in class is _____ x _____.
26. To get the keywords of a Google search highlighted in different colors to make the found document easy to visually scan, click on the _____ version of the page.
27. Input controls like buttons using the `<input>` tag are usually enclosed in
- A. `<script> </script>` tags
 - B. `<form> </form>` tags
 - C. if or if-else statements
 - D. `<p> </p>` tags
28. Use the letters in front of the HTML parts to order the parts correctly to form a proper HTML page.
- A) `function foo()` _____
 - B) `</html>` _____
 - C) Local variable declarations. _____
 - D) `</script>` _____
 - E) Global variable declarations. _____
 - F) `</body>` _____
 - G) `}` _____
 - H) `<body>` _____
 - I) `<script>` _____
 - J) `<html>` _____
 - K) `{` _____
29. Spreadsheet formulas start with _____.

30. Use the letters in front of the HTML parts to order the parts correctly to form a proper web page that displays a button labeled "Push Me" that displays a dialog box saying "Got clicked" when the button is pressed and a text box with an initial value of 0 both in a form identified as "Form1". You will probably need to use some letters more than one time. When expressing multiple attributes in a tag, order them type-value-event handler in that order.

- A) value="0" _____
- B) </html> _____
- C) name="Form1" _____
- D) <body> _____
- E) type="text" _____
- F) value="Push Me" _____
- G) type="button" _____
- H) </body> _____
- I) <form _____
- J) > _____
- K) <input _____
- L) <html> _____
- M) onClick="alert('Got clicked')" _____
- N) </form> _____

31. The hexadecimal value for black in CMY is _____.

32. The hexadecimal value for black in RGB is _____.

33. All of the following are legal JavaScript identifiers (variable or function names) except:

- A. 1_2_1
- B. One2One
- C. One_Two_One
- D. One_2_1

34. The HTML tags to make everything between them bold are _____ and _____.

35. When a URL ends in a folder name instead of a file name, the web server usually looks for a file called:

- A. dir.html
- B. home
- C. index.html
- D. public_html

36. If the web server does not find the above file, what does the server do?

37. _____ is the JavaScript keyword to create/declare a variable.

38. When first declared, JavaScript variables that are not given an initial value are:
- A. automatically assigned a 0
 - B. automatically assigned a blank
 - C. undefined
 - D. assigned a random number
39. In JavaScript, the relational test, `birth_year < 1985 && birth_year > 1965`, is:
- A. true if `birth_year` is 1952
 - B. false if `birth_year` is 1969
 - C. false if `birth_year` is 1944
 - D. none of the above
40. For a logical OR operator to work:
- A. both conditions can be true
 - B. both conditions cannot be false
 - C. one condition can be false as long as the other condition is true
 - D. all of the above
41. The short-cut `<Ctrl>+Z` is for _____.
42. DVD stands for _____.
43. A web address like <http://www.ucsd.edu/boogie.html> is known as a(n)
- A. USB
 - B. URL
 - C. TLA
 - D. WAN
44. Joining two strings together using the `+` is called _____.
45. When conditional expression in an `if-else` statement is false, the _____ statement(s) execute.
46. _____ are used to group several statements into a block.
47. List the 6 Relational Operators used in comparison/conditional statements.
- _____
- _____
- _____
- _____
- _____
- _____
48. In JavaScript, names and variables are case sensitive. True or False. (Circle the correct answer.)
49. A good application/program we used to view/edit Web pages in the lab is _____.
50. The HTML tag used to create buttons is called:
- A. `<var>`
 - B. `<button>`
 - C. `<input>`
 - D. `<enter>`

51. A grid of rows and columns can be created using the:
- A. <table> tag
 - B. <grid> tag
 - C. <row> and <column> tags
 - D. all of the above
52. Text boxes are used for:
- A. input
 - B. images
 - C. output
 - D. both A & C
53. <Ctrl>+Select is used to select/deselect _____ elements while
<Shift>+Select is used to select/deselect _____ element.
54. A variable declared inside a function is called a _____ variable.
55. A variable declared outside a function is called a _____ variable.
56. The first tag of a Web page is:
- A. <script>
 - B. <head>
 - C. <top>
 - D. <html>
57. Most of the content of a Web page goes inside the:
- A. <head> tag
 - B. <body> tag
 - C. <content> tag
 - D. <page> tag
58. The <p> tag is used to:
- A. insert a picture
 - B. print a page
 - C. insert a paragraph
 - D. load a page
59. When a button is clicked, the browser:
- A. looks for an onClick event handler
 - B. looks for the JavaScript program to download
 - C. creates the button for the program
 - D. none of the above
60. The file name extension for an HTML page must be _____.
61. The _____ tag is used to place a line horizontally across a Web page.

62. The _____ tag is used to place text in italic.
63. In the line, `document.bean.price.value = "0.00"` the input control/element is _____, the attribute is _____, and _____ is the form.
64. _____ is a function used in JavaScript to produce pseudo-random numbers.
65. _____ is the function used for date and time in JavaScript.
66. The _____ HTML tag is used to move to the next line or create a blank line on an HTML page.
67. Write a **for** loop that executes the statement `alert(i);` five times with the first value of `i` displayed in the alert dialog box being the value 4.
68. Which statement correctly calculates weekly pay with overtime rate at time and a half over 40 hours.
- A. `pay = (hourlyRate * 40) + ((hoursWorked - 40) * (1.5 * hourlyRate));`
 - B. `pay = (hourlyRate * 40) + ((hoursWorked - 40) + (0.5 * hourlyRate));`
 - C. `pay = (hourlyRate * 40) + ((hoursWorked - 40) * (50% * hourlyRate));`
 - D. `pay = (hourlyRate * 40) + ((hoursWorked) + (150% * hourlyRate));`
69. A nested loop structure where the outside loop runs three times and the inside loops runs six times would execute the statements of the inside loop:
- A. 3 times
 - B. 9 times
 - C. 18 times
 - D. 36 times
70. `clearTimeout()` is used to:
- A. restart the timer
 - B. reset the interval of the timer
 - C. reset the number of times the timer runs
 - D. cancel the timer
71. To output a less-than sign in HTML you need to use
- A. `<`
 - B. `<lt>`
 - C. `<`
 - D. `&<`

72. In the following line: `var rows = new Array(7);`

- A. the array will have seven items
- B. the last item in the array will be `rows[6]`
- C. the first item in the array will be `rows[0]`
- D. all of the above

73. A `false` outcome for a termination test in a **for** loop means:

- A. loop one more time then terminate the loop
- B. terminate the program
- C. continue the loop until the outcome is true
- D. do not enter the loop if this is the first time performing this test

74. For the statement below, which of the following is true?

```
for (j = n; j > 0; j--) { ... }
```

- A. the loop starts at n
- B. the loop decrements by 1
- C. the loop stops after n iterations
- D. all of the above

75. Smiley faces and all their variations are called:

- A. ASCII art
- B. emotional outbursts
- C. emoticons
- D. graphic design

76. The timer in JavaScript is called:

- A. `setTimeout()`
- B. `Math.Timer()`
- C. `Timer()`
- D. `setTick()`

77. The number of frames per second that is usually displayed in an animation so the human eye does not detect flicker of individual images being displayed is _____.

78. To get the browser to delay 5 seconds, you need to set the `setTimeout()` function delay parameter to:

- A. 5
- B. 500
- C. 5000
- D. .5

79. _____ is the term used to try to fix a program not working correctly using various logical/structured methods.

80. RAM stands for _____.

81. Which of the following is not a table tag?

- A. `<tbl>`
- B. `<th>`
- C. `<td>`
- D. `<tr>`

82. In JavaScript, the relational test, `(birth_year < 1944) || (birth_year > 1965)`, is:

- A. true if birth_year is 1952
- B. true if birth_year is less than 1965
- C. false if birth_year is greater than 1944
- D. none of the above

83. Write the full HTML code to have the browser display the string "*CSE 3 **Rocks!***" (NOTE THE FORMATTING – bold and italics and underline!!!) centered in the web page and the string "This Final is almost over!" displayed in title bar of the browser.

84. List 3 things you learned in this class that you felt were significantly useful/important/relevant to becoming fluent with Information Technology and **why**. You must state why to get points.

1)

2)

3)

85. Of all the things we covered in Class this quarter, what 2 things would you throw out, and what would you replace them with (topics we did not cover or more detailed coverage of specific topics or ...) and **why**? You cannot throw out Quizzes and Exams. :-)

1)

2)

86. Of all the Lab Projects we did in Lab Section this quarter, what 1 thing would you throw out, and what would you replace it with and **why**?

87. If you were writing this exam, what question would you ask that is not already on this exam?

88. What is Professor Ord's favorite Hip-Hop artist?

Scratch Paper

Scratch Paper