

cs3f ____

Name _____

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CSE 3
Final
Fall 2005

Page 1 _____ (17 points)

Page 2 _____ (16 points)

Page 3 _____ (22 points)

Page 4 _____ (26 points)

Page 5 _____ (18 points)

Page 6 _____ (11 points)

Page 7 _____ (16 points)

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Page 9 _____ (20 points)

Page 10 _____ (8 points)

Total _____ (164 points = 156 base points + 8 points EC [5%])

1. The undo shortcut is _____ .

2. Something that looks like 128.54.33.107 is called a(n):

- A. URL
- B. IP address
- C. domain name
- D. CMYK color specification

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, =\$B3 * .062 is copied from cell B4 to B5, the resulting formula will be:

- A. =\$B4 * .062
- B. =\$B\$3 * .062
- C. =B5 * .062
- D. an error

5. How many cells are in the range B2:D7?

- A. 6
- B. 12
- C. 18
- D. unknown

9. Which of the following is a completely absolute 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:D4
- B. 3C:5D
- C. A1-E1
- D. all of the above

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

color = _____

9. Given the following unordered/unsorted data
2 3 1 6 7 4 5 9

In a descending Exchange Sort, at the end of the first pass, the data will be in which order:

- A. 9 2 1 3 6 4 5 7
- B. 9 7 4 5 6 1 3 2
- C. 9 3 1 7 6 5 4 2
- D. 1 2 3 4 5 6 7 9

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. an error

12. The usual file extension for Microsoft Word documents is _____ .

13. The file extension for a DOS/Windows executable/program/application is _____ .

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

15. The file extension for DOS/Windows text files is _____ .

16. To connect to the Internet with a wireless connection you'd need to communicate with a device that is physically connected to a network. This device is call a:

- A. USB port
- B. Serial Ethernet
- C. Cable modem/switch
- D. Access Point/hub

17. The three types of lists that can be rendered in HTML are:

- 1) _____
- 2) _____
- 3) _____

18. In Google, the best search to find Big or Little and Endian and not Gulliver would be

- A. Big Little Endian NOT Gulliver
- B. big OR little endian -gulliver
- C. little endian OR big endian EXCEPT gulliver
- D. "big OR little" AND "endian" "- gulliver"

19. DHCP (Dynamic Host Configuration Protocol):
- A. makes sure a computer gets the same IP every time it connects to the network
 - B. lets the computer select its own IP when it connects to the network
 - C. assigns an IP address to the computer from a list of possible addresses
 - D. assures a secure connection to the Internet
20. How many different values (numbers) can any one hex digit represent?
- A. 2
 - B. 4
 - C. 8
 - D. 16
21. The name of the program you can use to access your UCSD files remotely: _____.
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. Eight bits is called a(n) _____.
24. Which of the following lines is properly nested?
- A. `<p><i>I Hate 8am Finals!</p></i>`
 - B. `</p></i>I Hate 8am Finals!<p><i>`
 - C. `</p></i>I Hate 8am Finals!<i><p>`
 - D. `<p><i>I Hate 8am Finals!</i></p>`
25. To get to a website on the Internet that expects a ucsd.edu address and you are off-campus, use a UCSD _____ in your browser's LAN Connections Setup.
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. Name two of the Anti-SpyWare programs I talked about in class.
28. Use the letters in front of the HTML parts to order the parts correctly to form a proper HTML page.
- A) Global variable declarations. _____
 - B) `</body>` _____
 - C) `}` _____
 - D) `<body>` _____
 - E) `<script>` _____
 - F) `function foo()` _____
 - G) `</html>` _____
 - H) Local variable declarations. _____
 - 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) </body> | _____ |
| B) <form | _____ |
| C) > | _____ |
| D) <input | _____ |
| E) value="0" | _____ |
| F) </html> | _____ |
| G) name="Form1" | _____ |
| H) <body> | _____ |
| I) type="text" | _____ |
| J) value="Push Me" | _____ |
| K) type="button" | _____ |
| L) <html> | _____ |
| M) onClick="alert('Got clicked')" | _____ |
| N) </form> | _____ |

31. In a Student Database, each row (corresponding to one student) is called a _____ and each column (corresponding to one kind of information about a student) is called a _____.

32. SQL stands for _____.

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 Internet friendly size/resolution of pictures we discussed in class is _____ x _____ pixels.

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 declared, JavaScript variables 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 > 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
40. For a logical AND operator to work:
- A. one of the conditions must be true
 - B. neither condition can be false
 - C. either one but not both conditions must be true
 - D. none of the above
41. To _____ a variable is to assign a value to a variable at the same time it is declared.
42. `+`, `-`, `*`, and `/` are called _____.
43. The not logical operator is a(n) _____.
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 compound statement.
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. `<button>`
 - B. `<input>`
 - C. `<enter>`
 - D. `<var>`

51. A grid of rows and columns can be created using the:
- A. <table> tag
 - B. <grid> tag
 - C. <row> and <column> tags
 - D. none of the above
52. Text boxes are used for:
- A. input
 - B. images
 - C. output
 - D. both A & C
53. The onClick event handler is used for:
- A. checkboxes
 - B. text boxes
 - C. buttons
 - D. all of the above
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. In HTML, `href` :

- A. creates an image
- B. displays the answer to a JavaScript function
- C. creates a Web link
- D. is the file extension for a Web page

67. Write a **for** loop that executes the statement `alert(i);` seven times with the first value of `i` displayed in the alert dialog box being the value 3.

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 five times and the inside loops runs seven times would execute the statements of the inside loop:

- A. 5 times
- B. 7 times
- C. 12 times
- D. 35 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. The computer term for repetition/looping is _____.

72. In the following line: `var rows = new Array(5);`

- A. the array will have six items
 - B. the last item in the array will be rows[5]
 - 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. Array index values cannot be:
- A. negative numbers
  - B. decimals
  - C. numbers greater or equal to their number of elements
  - D. all of the above
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 AND logical operator in JavaScript.
80. \_\_\_\_\_ is the OR logical operator in JavaScript.
81. Which of the following can be used as part of a variable name?
- A. - hyphen
  - B. ␣ (space)
  - C. \_ underscore
  - D. () parentheses
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 Rules!**" (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**? The short presentation by Mark Hayes from Microsoft cannot be used here. 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 TV show?

**Scratch Paper**



