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Name _____

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**CSE 3
Final
Fall 2006**

Page 1 _____ (18 points)

Page 2 _____ (15 points)

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Page 9 _____ (24 points)

Page 10 _____ (8 points)

Total _____ (169 points = 161 base points + 8 points EC [5%])

1. The Select All shortcut is _____ .

2. A dialog box will open for additional input from the user when a menu item has a(n) _____ in it.
- A. shortcut
 - B. ellipsis
 - C. check mark
 - D. arrow

3. One equation is entered in cell B1. The cell B1 is highlighted and copied over to cell B2. Then cells B1:B2 are highlighted and copied over to cells C1:C2 and D1:D2. This is the same as copying cell B1 to C1:D1 and copying B2 to C2:D2 if you prefer to think of it that way.

a.) Fill in the resulting equations

	A	B	C	D
1	2	=A2+A\$1		
2	1			

b.) Fill in the resulting values.

	A	B	C	D
1	2			
2	1			

4. If the formula, =B2 * C\$3 is copied from cell B4 to B5, the resulting formula will be:

- A. =B5 * C\$3
- B. =B4 * D\$4
- C. =B3 * C\$4
- D. none of the above

5. How many cells are in the range B2:D9?

- A. 18
- B. 21
- C. 24
- D. 27

6. Which of the following is an example of a purely absolute cell reference?

- A. J4
- B. \$J4
- C. J\$4
- D. \$J\$4

7. The name of the small box or tab in the lower right corner of a spreadsheet cell that contains a formula is

- A. fill handle
- B. formula guide
- C. equation guide
- D. cell knob

8. Specify the color Magenta (full Blue + Red) in hexadecimal in an HTML document using the color attribute:

color = _____

9. From smallest to largest, the correct order is
- A. gigabyte, kilobyte, megabyte, terabyte
 - B. kilobyte, megabyte, gigabyte, terabyte
 - C. terabyte, kilobyte, megabyte, gigabyte
 - D. kilobyte, megabyte, terabyte, gigabyte

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 _____=" _____" _____> < _____ src=" _____" _____> < _____>

11. Briefly describe why you would need to use the UCSD web proxy server?

12. An 8-bit sequence of memory in the computer is called a(n) _____ .

13. The _____ tag is a way to get more than one consecutive space in a line on a web page.

14. In an HTML tag like <hr width="50%">, the width part is called a(n) _____ .

15. In JavaScript, global variables are declared:

- A. inside the curly braces of a function definition
- B. in the parens of a function definition
- C. after the keyword global
- D. inside the <script> </script> tags but outside any function definition

16. When playing a CD to your speakers, the stored sound information needs to be run through a(n):

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

17. 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

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

19. In Google, the best search to find "Sixth College" and best or first and not last would be

- A. sixth college best OR first NOT last
- B. "sixth college" AND best first AND -last
- C. "sixth college" best OR first -last
- D. "sixth college" best OR first NOT last

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. What is the HTML tag to specify more than one HTML source file is to be displayed in a single browser window, either side-by-side or above each other?
24. Which of the following lines is properly nested?
- A. `<p><i>I Hate Finals!</i></p>`
 - B. `<p><u>I Hate Finals!</p></u>`
 - C. `</p></u></i>I Hate Finals!<p><u><i>`
 - D. `<p><i>I Hate Finals!</i></p>`
25. You visit a web page at <http://www.asap.com/xxx/yyy/view.html> and see a cool picture. Hoping to find more pictures like that one on this site, you look at the HTML source for that page and see the picture specified in an image tag ``. What URL would be a good guess to find more pics at this site?
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 _____ link listed to the right of the URL on the search results page.
27. Input controls like buttons using the `<input>` tag are usually enclosed in
- A. `<script> </script>` tags
 - B. `<form> </form>` tags
 - C. `<gui> </gui>` tags
 - 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 that correctly displays the output in the sample runs. The first and last letters/answers are given to you.

- J A) `document.write("You typed: " + input + "
");`
- B) `</html>`
- C) `var input = prompt("Enter something", "");`
- D) `</script>`
- E) `document.write("You are too <u>literal</u>!" + "
");`
- F) `</body>`
- G) `else`
- H) `<body>`
- I) `<script language="JavaScript">`
- J) `<html>`
- K) `if (input == "something")`
- B L) `document.write("I said enter something
... literally!" + "
");`

Sample runs:

You typed: boogie
I said enter **something**
... literally!

You typed: something
You are too literal!

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 "0" that displays a dialog box saying "0" when the button is pressed and a text box with an initial value of 0 both in a form identified as "0". 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.

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A) type="text"

B) </html>

C) name="0"

D) type="button"

E) <html>

F) >

G) onClick="alert('0')"

H) </body>

I) <form

J) <body>

K) value="0"

L) <input

M) </form>

B

31. What is the output of the following JavaScript statements?

```
var a = 2;  
document.write( a + " * " + a + " = " + a * a + "<br>" );
```

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

33. Which of the following is a legal JavaScript identifier (variable or function name):

A. 9"Nails

B. 9InchNails

C. Nine-Inch-Nails

D. Nine_Inch_Nails

34. _____ is the color model used in printers. These letter represent the colors

35. In JavaScript, the keyword to declare a function is _____.

36. Which of the following would correctly produce the string "Show Me The Money" in JavaScript:

A. Show + Me + The + Money

B. "Show" "Me" "The" "Money"

C. "Show '+' Me '+' The '+' Money"

D. "Show Me" + " " + "The Money"

37. To connect to the Internet with a wireless connection you need to communicate with a device that is physically connected to a network. This device is called a(n):
- A. Cable modem/switch
 - B. USB port
 - C. Access Point/Hub
 - D. Serial Ethernet
38. Which of the following iterates 12 times?
- A. `for (i = 1; i < 12; i = i + 1)`
 - B. `for (i = 1; i <= 13; i = i + 1)`
 - C. `for (i = 12; i > 0; i = i - 1)`
 - D. all of the above
39. In JavaScript, the relational test, `(birth_year > 1985) || (birth_year < 1965)`, is:
- A. false 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 an expression using a logical AND operator to evaluate to false:
- A. both conditions may be false
 - B. if the first condition is false then it does not matter what the other condition is
 - C. the first condition can be true as long as the other condition is false
 - D. all of the above
41. The shortcut <Ctrl>+Z is for _____.
42. The shortcut for Refresh is _____.
43. A web address like <http://www.ucsd.edu/boogie.html> is known as a(n)
- A. WAN
 - B. USB
 - C. URL
 - D. TLA
44. Joining two strings together using the + is called _____.
45. When conditional expression in an `if-else` statement is true, 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. The trick in Windows to get the Filmstrip option available in the View menu is ...

50. The task switcher (including the enhanced Microsoft Power Toys task switcher) cycles through open applications using the key sequence:
- A. <Shift>+F5
 - B. <Ctrl>+T
 - C. <Esc>
 - D. <Alt>+Tab
51. Individual display units on the computer screen are called _____.
52. A number like 132.239.51.3 is called:
- A. domain name
 - B. TLA
 - C. IP address
 - D. all of the above
53. <Ctrl>+Select is used to select/deselect _____ elements while
<Shift>+Select is used to select/deselect _____ element.
54. RAM is short for _____.
55. _____ is the term commonly used to refer to values represented in base 2.
56. DHCP (Dynamic Host Configuration Protocol):
- A. assures a secure connection to the Internet
 - B. makes sure a computer gets the same IP every time it connects to the network
 - C. lets the computer select its own IP when it connects to the network
 - D. assigns an IP address to the computer from a list of possible addresses
57. A continuous waveform or signal is an example of:
- A. ASCII
 - B. Analog
 - C. Unicode
 - D. Digital
58. The shortcut for cut is _____.
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. There are _____ bits in a byte.
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.xxx.yyy.name="foo"` the form is _____, the input element is _____, and _____ is its attribute.
64. _____ is a function used in JavaScript to produce pseudo-random numbers.
65. Which of the following is an ISP?
A. AT&T – with DSL
B. Time Warner Cable – with RoadRunner
C. UCSD – using dial-up to the campus modem pool
D. All of the above
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);` seven times with the first value of i displayed in the alert dialog box being the value 7.
68. A short cut to shutdown a Windows computer is the Windows button followed by ____ followed by ____.
69. A number like 05-4F-1F-28-D8-9E that uniquely identifies a network device is called a physical address or _____ address which stands for _____.
70. Which value is most likely to represent light gray:
A. #55CC55
B. #555555
C. #CC55CC
D. #CCCCCC
71. To output a less-than sign in HTML you need to use
A. <
B. <lt>
C. <
D. &<;
72. The index of the first element in an array is always _____.
73. A `false` outcome for the termination test in a **for** loop means:
A. loop one more time then terminate the loop
B. do not enter the loop if this is the first time performing this test
C. terminate the program
D. continue the loop until the outcome is true

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

76. Which of the following compression schemes is lossless:

- A. JPEG
- B. MP3
- C. Run Length Encoding
- D. None of the above

77. The short cut to create a new tab in Firefox and IE7 is _____.

78. To get a delay of a half a second, you need to set the `setTimeout()` function delay parameter to:

- A. 5
- B. 500
- C. 5000
- D. 0.5

79. MB is short for _____.

80. GB is short for _____.

81. HTML tags are case insensitive. True or False?

- A. True
- B. False

82. To specify a color for some text in an HTML file, you would use the color attribute in a _____ tag.

83. Write the full HTML code to have the browser display

CSE
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Rules
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(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 beer?

Scratch Paper

Scratch Paper