Student ID _____   Name _____

cs3f ___   Signature _____

CSE 3
Midterm
Fall 2005

Page 1 _____ (16 points)

Page 2 _____ (13 points)

Page 3 _____ (14 points)

Page 4 _____ (31 points)

Page 5 _____ (12 points)

Total _____ (86 points)

1. In an HTML directory hierarchy, folder names are separated by a:
   A. slash (/)
   B. backslash (\)
   C. dot (.)
   D. space

2. A range of cells in a spreadsheet can include:
   A. cells from more than one row
   B. cells from more than one column
   C. the entire spreadsheet
   D. all of the above

3. To get a spreadsheet cell to display $10.00 you must:
   A. enter 10.00 and format the cell to currency
   B. enter $10.00 in the cell
   C. enter $1$0 in the cell
   D. it cannot be done

4. 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	1	=A1+A2			
2	1	=A2+B1			

b.) Fill in the resulting values.

	A	B	C	D	E
1	1				
2	1				

5. Which of the following is a valid range of cells?
   A. D1:D4
   B. 3C:5D
   C. A1-E1
   D. all of the above

6. If the formula, =$B$3 * .062 is copied from cell B4 to B5, the resulting formula will be:
   A. =$B$4 * .062
   B. =$B$3 * .062
   C. =B5 * .062
   D. an error

7. If $G5 appeared in a formula, you'd know:
   A. the G is absolute and the 5 is relative
   B. the G is relative and the 5 is absolute
   C. both are relative
   D. both are absolute

8. Given the following unordered/unsorted data

     5 9 4 7 6 1 3 2

In an ascending Exchange Sort, at the end of the first pass, the data will be in which order:
    A. 1 2 3 4 5 6 7 9
    B. 1 9 5 7 6 4 3 2
    C. 9 5 4 7 6 1 3 2
    D. 1 3 2 4 6 5 7 9

9. The _____ is positioned between the user's programs and the hardware and manages the interactions between these two.
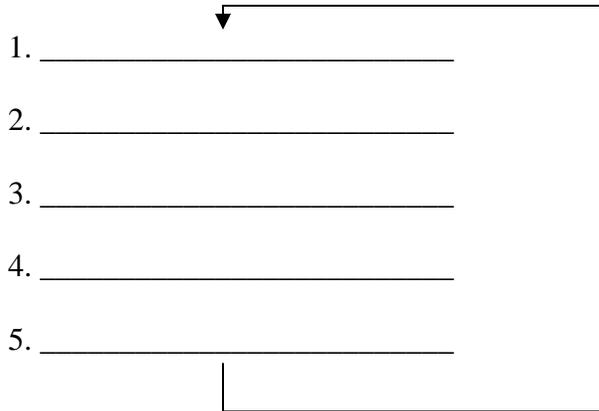   A. programming language
    B. compiler
    C. operating system
    D. assembler

10. From smallest to largest, the correct order is
    A. giga, kilo, mega, tera
    B. kilo, mega, giga, tera
    C. tera, kilo, mega, giga
    D. kilo, mega, tera, giga

11. The name of the special register used to hold the address of the next instruction to execute is

    _____

12. List the 5 steps of a typical instruction cycle in the correct order:

    1. _____

    2. _____

    3. _____

    4. _____

    5. _____

13. The _____ is the part of the CPU that gets instructions from memory and tells the rest of the CPU to carry them out.

14. The _____ is the part of the CPU that performs most of the actual operations (like ADD).

15. The _____ is the part of the CPU that stores the instructions and data while a program is executing.

16. The hardware address of a network device that is used to uniquely identify it is called a

_____ address.

17. If your wireless laptop displays an error similar to, "System Error. Duplicate IP Address Detected.", you should _____ your Wireless Net Connection.
    A. enable radio on
    B. disable radio on
    C. repair
    D. display available networks on

18. How many bits does each hex digit require?
    A. 2
    B. 4
    C. 16
    D. hex is not measured in bits

19. An 8-bit sequence on the computer is called a(n) _____.

20. 7-bit character code is called _____.

21. 16-bit character code is called _____.

22. Four bits is called a(n) _____.

23. One byte of memory can store:
    A. any number
    B. one word
    C. one character
    D. one block

24. 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.

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

    1) _____

    2) _____

    3) _____

26. 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"

27. Briefly describe the difference between Shift – Select and Control – Select.

28. Use the letters in front of the HTML parts to order the parts correctly to form a proper HTML page.
A)   This is where all the text to be displayed on the web page goes.   _____
B)   </html>   _____
C)   <head>   _____
D)   </title>   _____
E)   <html>   _____
F)   This is what gets displayed in the top area of the browser frame.   _____
G)   </body>   _____
H)   </head>   _____
I)   <body>   _____
J)   <title>   _____

29. To access the UCSD article database and electronic reserves from off campus, you must use a

_____ that accesses these resources for you from a UCSD address and passes the pages
on to you.

30. Briefly describe 2 ways to open a hypertext link in a new browser window. Start with 1 window on a page
with a link; end up with 2 windows – 1st window unchanged, 2nd window displaying the link's page.

    1)

    2)

31. Use the letters in front of the HTML table parts to order the parts correctly to form a proper 3x2 table with
headings that would look like the following. You will probably need to use some letters <u>more than one time</u>.

                AAA   BBB
                1,1   1,2
                2,1   2,2   _____
                3,1   3,2   _____
                                   _____
                                   _____
A)   <td>1,2</td>   _____
B)   <tr>   _____
C)   </table>   _____
D)   <td>3,2</td>   _____
E)   <th>BBB</th>   _____
F)   <table>   _____
G)   <td>3,1</td>   _____
H)   </tr>   _____
I)   <td>2,1</td>   _____
J)   <td>1,1</td>   _____
K)   <th>AAA</th>   _____
L)   <td>2,2</td>   _____
                                   _____
                                   _____

4

32. You can tell when a Web page was indexed by Google by checking the date on the _____ page.

33. Using _____ around words in a search makes the search engine look for an exact match.

34. A search using the keyword AND requires:
    A. one of the words to be found on the page
    B. both of the words to be found on the page
    C. both words to be found together on the page
    D. none of the above

35. Searching for "baseball" AND ("stadiums" OR "parks") AND NOT "national parks?" would look for:
    A. baseball and stadiums and parks not national parks
    B. baseball or stadiums or parks not national parks
    C. baseball stadiums or baseball parks not national parks
    D. none of the above

36. If I wanted the word "Stop!" in red on my Web page, I would have to:
    A. make all the text on the page red
    B. use a red graphic that said "Stop!" and pick a different color for my text
    C. use the font tag with the color attribute
    D. set my RGB specification to #0000FF

37. Href stands for _____.

38. The basic unit of a spreadsheet is a:
    A. box
    B. cube
    C. cell
    D. grid

39. A personal log posted on the web for public viewing is called a _____.

40. A company that supplies connections to the Internet is called a(n) _____.

41. Which of the following represents the correct order, from largest to smallest?
    A. LAN, WWW, Internet
    B. WWW, Internet, LAN
    C. Internet, WWW, LAN
    D. Internet, LAN, WWW

42. 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. index.html
    C. home
    D. public_html

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

Scratch Paper