University of Massachusetts Boston
College of Management
MSIS 110: Introduction to Computers
Fall 2002 - Exam 2 (Sample)

Name: _____

Answer all questions. If any cheating is discovered, severe sanctions will result.
Indicate your responses in this sheet. No credit if responses are written elsewhere.

PART	# OF QUES.	# CORRECT
T/F	12	
MCG	17	
Short Ans.	04	
TOTAL	33	
Score	/100	

1. _____
2. _____
3. _____
4. _____
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26. _____
27. _____
28. _____
29. _____
30. _____

31. _____
32. _____
33. _____

True/False
Indicate whether the sentence or statement is true or false.

____ 1. An operating system may provide networking capability.

____ 2. Multitasking and time-sharing are two terms for the same thing.

____ 3. The original version of Microsoft Windows was a fully functional operating system.

____ 4. Windows 2000 took Microsoft more than 4 years and one billion dollars to develop.

____ 5. Mainframe computers are no longer used very much due to the popularity of the Internet.

____ 6. A primary key is a unique attribute.

____ 7. The database approach to data management helps to reduce program-data dependence.

____ 8. Data warehouses typically start out as very large databases or VLDBs.

____ 9. Usually data marts are larger than data warehouses.

____ 10. Wal-Mart has one of the largest data warehouses in the world.

____ 11. E-commerce presents a major opportunity for the effective use of data mining.

____ 12. The value of data ultimately lies in the decisions it enables.

Multiple Choice
Identify the letter of the choice that best completes the statement or answers the question.

____ 13. The set of computer programs used to control the computer hardware can be classified as:
   a. Microsoft Office Suite.
   b. application software.
   c. general software.
   d. systems software.

____ 14. If a sales department customer preferences spreadsheet were classified by software type and sphere of influence, it would be considered:
   a. application software for a workgroup.
   b. application software for the enterprise.
   c. system software for an individual.
   d. system software for the enterprise.

____ 15. ____ software enables users to improve their personal effectiveness, increasing the amount and quality of work they can do.
   a. Spreadsheet
   b. Database
   c. Personal productivity
   d. Workgroup

___ 16. Trina Gracy wants her Webserver computer to seamlessly allow additional users to concurrently access her Web site. She wants her system to have:
   a. virtual memory.
   b. paging.
   c. multitasking.
   d. scalability.

___ 17. The smallest piece of data used by computers is called a:
   a. byte.
   b. character.
   c. bit.
   d. megabyte.

___ 18. In the data hierarchy, a byte typically represents a:
   a. record.
   b. bit.
   c. byte.
   d. character.

___ 19. Tom's address is stored in two separate files. This is an example of:
   a. data integrity.
   b. data redundancy .
   c. program-data dependence.
   d. the traditional approach to data management.

___ 20. A traditional approach to data management means that:
   a. data files are created individually by each application.
   b. data files are placed into objects.
   c. data files are managed by the DBMS.
   d. no data files are used.

___ 21. The _____ preceding a formula is an important part of the formula: it alerts Excel that a formula or function is being entered and not text.
   a. number sign (#)   c. percent sign (%)
   b. dollar sign ($)   d. equal sign (=)

___ 22. The _____ function sums the numbers in a specified range and then divides the sum by the number of non-zero cells in the range.
   a. MIN   c. MAX
   b. AVERAGE   d. COUNT

___ 23. When Excel starts and the blank worksheet displays on the screen, all of the columns have a default width of _____.
   a. 8.43 characters, or 64 pixels   c. 12.75 points, or 17 pixels
   b. 64 characters, or 8.43 pixels   d. 17 points, or 12.75 pixels

___ 24. If cells containing 780 and 760 are copied using the fill handle, the next three values of the extended series will be _____.
   a. 780, 760, 780   c. 680, 660, 580
   b. 740, 720, 700   d. 775, 770, 765

___ 25. If, in completing a paste, valuable data accidentally is deleted, immediately click the _____ on the Edit menu to cancel the paste.
   a. Paste Special command   c. Clear command
   b. Undo Paste command   d. Redo Paste command

____ 26. To specify an absolute reference in a formula, enter a(n) _____ before any column
letters or row numbers that should be kept constant in formulas copied.
a. number sign (#)   c. dollar sign ($)
b. ampersand (@)   d. asterisk (*)

____ 27. The general form of the IF function is _____.
a. =IF(logical_test, value_if_true, value_if_false)
b. =IF(logical_test, value_if_false, value_if_true)
c. =IF(value_if_true, logical_test, value_if_false)
d. =IF(value_if_false, logical_test, value_if_true)

____ 28. In an IF function, valid comparison operators (and their meaning) include all of the
following *except* _____.
a. = (equal to) and <> (not equal to)
b. < (less than) and > (greater than)
c. >= (greater than or equal to) and <= (less than or equal to)
d. >< (less than or greater than) and ^ (outside of)

____ 29. The IF function =IF(B4>=B22, B18, 0) is assigned to cell B8. If the value in cell B4 is
6692019, the value in cell B22 is 6,500,000.00, and the value in cell B18 is 60000, Excel
displays _____ in cell B8.
a. 6692019   c. 6,500,000.00
b. 60000   d. 0

Completion
Complete each sentence or statement.

30. Cell references that Excel adjusts when a formula is copied are called
_____.

31. Excel has a function called the _____ that displays the highest value in
a range.

32. When a number is entered with a(n) _____, Excel immediately displays
the number with an assigned format.

33. A(n) _____ shows the system date of which the computer keeps track.