University of Louisville
College of Business

CIS 300: Computer Information Systems
Professor Matt Thatcher

Sample Test Excel Questions

The purpose of this Sample Test is to allow students to read and respond to a variety of Excel question formats that will be used on Test 1. However, please note that Excel questions will represent only about half of the Test 1 points; CIS content questions will represent the other half of the Test 1 points. In addition, Homework Assignment 1 and Lab 2 provide more examples of possible Test questions; so please make sure to review these assignments as well.

In this Sample Test there are a total of 12 questions related to MS Excel. It is expected that you will need approximately 20-25 minutes to complete this Sample Test, so time yourself accordingly.

Multiple Choice and True/False

Question 1 (2 points): Multiple Choice
(Excel) What is the proper way to reference Cell D22 on a Worksheet named "My Sheet"?

   A. My Sheet!D22
   B. 'My Sheet'!D22
   C. My Sheet'D22'
   D. My Sheet$D$22
   E. None of the answers provided is correct

Question 2 (2 points): Multiple Choice
(Excel) You are creating a new forecast for you company's Sales Department and have entered the sales for 2005 into cell B4 of a worksheet. The expected rate of increase is in cell C2. What formula would you enter in cell C4 to compute the sales for 2006, given that you will copy that formula to cells D4:E4 to calculate the forecast for 2007 and 2008?

   A. =B4+B4*C2
   B. =$B$4+$B$4*C2
   C. =B4*(1+$C$2)
   D. =B$4+B$4*C$2
   E. =$B4+$B4*$C2

Question 3 (2 points): Multiple Choice

(Excel) Review the accompanying worksheet image and then answer the question below. The first row and column in the table refer to Excel column and row labels, respectively.

	A	B	C	D	E	F
1						
2						
3		12	10	20	4	
4		2	5	1	8	
5		4	7	9	12	
6		9	8	13	15	
7		13	11	16	18	
8		20	15	18	21	
9		30	19	22	27	
10						

What is the result of evaluating the following formula?

=IF(MAX(D5:D9)>MIN(C5:C9),"D5",D7)

A. 9
B. 16
C. D5
D. D7
E. None of the answers provided is correct

Question 4 (2 points): Multiple Choice

(Excel) What is the effect of typing F5+F6 into a cell without an equal sign at the beginning?

A. The entry is equivalent to entering the formula =F5+F6
B. The cell will display the contents of cell F5 plus F6
C. The result will be zero since no values have been entered for F5 or F6
D. The entry will be treated as a text entry and display F5+F6 in the cell
E. The entry will be rejected by Excel and result in an error message

Question 5 (2 points): Multiple Choice

(Excel) The formula =B3+C4 is stored in cell D5. What will the formula be if Row 2 is deleted from the worksheet?

A. =B2+C4
B. =B3+C3
C. =B3+C4
D. =B2+C3
E. None of the answers provided is correct

Short Answer

Question 6 (11 points): Short Answer

(Excel) At the County Courthouse, speeders pay a fine for exceeding the posted speed limit. Review the accompanying worksheet image and then answer the questions below. The first row and column in the table refer to Excel column and row labels, respectively.

	A	B	C	D	E	F
1						
2			Decision Table - Speeding			
3						
4	First	Last	Speed Limit	Actual Speed	Result	Full Name
5	Brian	Baines	40	55	xxx	Baines, Brian
6	Jenny	Craig	55	97	xxx	Craig, Jenny
7	Jimmy	Smits	65	65	xxx	Smits, Jimmy
8	Rachel	Jones	25	28	xxx	Jones, Rachel
9	Steve	Smear	45	17	xxx	Smear, Steve
10			xxx	xxx		
11						

(a) What formula should be entered in cell E5 to show the text "Busted" for the driver if they were caught speeding or "No Fine" if the driver's speed did not exceed the speed limit? (Note: Your formula will need to work properly for all of the other drivers when copied down column E.)

(b) What is the actual value that results from the same relative formula copied into cell E8?

(c) Write a formula to determine the highest legal speed limit listed in Column C.

(d) Write a formula to count the number of drivers listed in the Decision Table.

(e) Provide a formula in Cell D10 to calculate the average speed of all drivers listed in the table.

(Excel) Assume that cell F4 in a spreadsheet has the following formula:

=B$4+$C4

What formula will result from copying and pasting cell F4 into cell G5?

Question 8 (2 points): Short Answer
(Excel) Evaluate the following formula:

=6+3^3*2/3+9

What value results from solving it?

Question 9 (6 points): Short Answer
(Excel) Review the accompanying worksheet image and then answer the questions below. The first row and column in the table refer to Excel column and row labels, respectively.

	A	B	C	D	E	F
1						
2						
3						
4		15	-9	-16	Hello	
5		-6	7	18	65	
6		9	4	Coffee	175	
7		Software	14	6.8	6	
8		38	109		-25	
9						

What is the result of evaluating the following formulas?

(a) =IF(SUM(B4:B7)>=MIN(B6,C5,D4,E7),E4,"Goodbye")

(b) =IF(E6=MAX(C4:C8),SUM(E5:E8),IF(D4>C7,B7,D6))

(c) =IF(D4=16,SUM(B5:C6)-MAX(C5:D6),MIN(D5:E8))

Question 10 (2 points): Short Answer
(Excel) Evaluate the following formula:

=6+3^3*2/9-9

What value results from solving it?

Question 11 (8 points): Short Answer

(Excel) Review the accompanying worksheet image and then answer the questions below. The first row and column in the table refer to Excel column and row labels, respectively.

	A	B	C	D	E	F
1						
2						
3		12	10	20	4	
4		2	5	1	8	
5		4	7	9	12	
6		9	8	13	15	
7		13	11	16	18	
8		20	15	18	21	
9		30	19	22	27	
10						

What is the result of evaluating the following formulas?

(a) =IF(MIN(E6:E9)>SUM(B4:B6),D9,E8)

(b) =IF(MAX(C4:C8)=MIN(E6,SUM(B4,C4,D4,B5),E9-C3),B7,D6)

(c) =IF(MAX(D3:D8)+MIN(B4:B6)>SUM(C4:C6,B4,D4),D9,C7)

(d) =IF(B3+C3>D3+E3,E9,IF(B9-B8>C9,D3,D9))

Question 12 (4 points): Short Answer

(Excel) Review the accompanying worksheet image and then answer the questions below. The first row and column in the table refer to Excel column and row labels, respectively.

	A	B	C	D	E	F
1						
2						
3						
4		15	-9	-16	Hello	
5		-6	7	18	65	
6		9	4	Coffee	175	
7		Software	14	6.8	6	
8		38	109		-25	
9						

What is the result of evaluating the following formulas?

(a) =COUNT(C4:D8)

(b) =(AVERAGE(B4:B6)-2)/C6

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Sample Test Excel Questions Answer Form

Multiple Choice and True/False

1. _____

2. _____

3. _____

4. _____

5. _____

Short Answer

6. **(a)**

    _____

    (b)

    _____

    (c)

    _____

    (d)

    _____

    (e)

    _____

7.

    _____

8.

    _____

9. (a)

_____

(b)

_____

(c)

_____

10.

_____

11. (a)

_____

(b)

_____

(c)

_____

(d)

_____

12. (a)

_____

(b)

_____

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Sample Test Excel Question Answers

1. **B**
2. **C**
3. **C**
4. **D**
5. **D**

6. **(a) =IF(D5>C5,"Busted","No Fine")**
   (b) Busted
   (c) =MAX(C5:C9)
   (d) =COUNTA(A5:A9)
   (e) =AVERAGE(D5:D9)

7. **=C$4+$C5**

8. **33**

9. **(a) Hello**
   (b) Coffee
   (c) -25

10. **3**

11. **(a) 21**
    (b) 13
    (c) 11
    (d) 22

12. **(a) 8**
    (b) 1