

Quiz 2

- 1) Which of these types of dashboards facilitates tracking real-time data and events?
 - a) Strategic dashboards
 - b) Operational dashboards**
 - c) Analytical dashboards
- 2) Which of the following excel functions is an example of a conditional function?
 - a) COUNTIF**
 - b) AND
 - c) OR
 - d) NOT
- 3) Which of the following features in Excel can be used to display the relationships among cells used in a formula calculation?
 - a) Show formulas
 - b) Trace precedent**
 - c) Error checking
 - d) Name manager
- 4) How many output values are expected from a nested IF formula consisting of four IF statements:
 - a) 2
 - b) 3
 - c) 4
 - d) 5**
 - e) 6
- 5) Which of these features is new to Excel 2010
 - a) 3D Pie charts
 - b) Sparklines**
 - c) Conditional formatting icons
 - d) Conditional formatting data bars

- 6) Which of the following is NOT an example of a what-if analysis tool in Excel?
- a) Data table
 - b) Goal seek
 - c) **Maximax**
 - d) Solver
- 7) Which of the following is NOT an example of a feature in the backstage view for Excel?
- a) Printing preferences
 - b) **Data validation options**
 - c) Auto-save options
 - d) Add-ins installation
- 8) What is the result of the function expression shown in cell E2 in the figure above?
- a) 2
 - b) 87
 - c) **4**
 - d) 40000
- 9) What would be the result of the function expression shown in cell E4 in the figure above?
- a) 40250
 - b) **40000**
 - c) 21
 - d) 21.75
- 10) What would be the result of the function expression shown in cell E6 in the figure above?
- a) 0
 - b) 161000
 - c) **84000**
 - d) 126000

- 11) A formulation using solver in Excel requires three main elements: Target Cell, Constraints cells, and ____
- a) Row input cells
 - b) Changing cells**
 - c) Column input cells
 - d) Rule cells
- 12) While specific cells can be named in Excel, ranges of cells cannot be named
True or False
- 13) Which of these information presentations is more dynamic & interactive?
- a) Scorecards
 - b) Dashboard**
- 14) Consider the screenshot below showing a worksheet with details of a purchase order with three products, the quantity, and the price per unit. Which of the following formulas will correctly calculate the value shown in cell B6
- a) SUMPRODUCT (B2:C4)**
 - b) SUMPRODUCT (B1:B4, C1:C4)
 - c) SUMPRODUCT (B2:B4, C2: C4)
 - d) SUMPRODUCT(A2:C4)
- 15) Which of the following is an example of an absolute cell reference
- a) \$D\$3**
 - b) D\$3
 - c) \$D3
 - d) D3
- 16) Which of the following Excel functions is an example of a financial function
- a) MAX function
 - b) MEDIAN function
 - c) FV function**
 - d) RPT function

- 17) Typical business intelligence applications include three components: Analytics, Dashboards, and ____
- a) Conditional analysis
 - b) Reporting**
 - c) Solver
 - d) Goal seek
- 18) Which of these is a valid reason for converting a range of cells (flat table) into an Excel table?
- a) An Excel table provides data validation features
 - b) An Excel table allows easier sorting and filtering data**
 - c) An Excel table can be used for What-If Analysis
- 19) Which of the following is NOT a recommended practice for performing calculations in Excel?
- a) Using predefined Excel functions where possible
 - b) Using numerical values directly in formulas**
 - c) Using brackets to specify the precedence of mathematical operations
 - d) Inputting numerical values in cells and using references to those cells in formulas
 - e) Keeping formulas as simple as possible
- 20) By default, an Excel worksheet has more rows (horizontal) than columns (vertical)
- True or False
- 21) Which of the following Excel functions is an example of a logical function?
- a) COUNTIF
 - b) AND**
 - c) SUMIF
 - d) IF
- 22) Consider the expression $\$B\$4 * D4$. If this expressions is copied from cell F4 and pasted into cell G5, the expression in the new cell will be:
- a) $\$C\$5 * E5$
 - b) $\$B\$4 * E5$**

c) $\$B\$4 * E4$

23) Which of the following is an example of a data delivery feature in Excel?

a) SUMPRODUCT function

b) VLOOKUP function

c) FV function

d) MEDIAN function

24) The VLookup function always provides a simpler alternative to Nested IF statements

True or False

25) What analysis tool in Excel can be used to find out the optimum solution to a problem with multiple components?

a) Goal seek

b) Data table

c) Scenario manager

d) Solver