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Excel 2016 Expert: Interpreting Data for Insights

Microsoft 77-728

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Topic Break Down

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QUESTION NO: 1

Cells A2:A20 contain employee names, and cells B2:B20 contain their sales amounts. You need a formula that returns the sales amount for the employee name entered in E2. The formula must return a custom result when the employee name is not found. Which function should you use?

A. IFERROR(INDEX(B2:B20,MATCH(E2,A2:A20,0)),"Not found")

B. COUNTIF(A2:A20,E2,"Not found")

C. SUMIF(A2:A20,E2,B2:B20,"Not found")

D. IF(E2=A2:A20,B2:B20,"Not found")

ANSWER: A

Explanation:

XLOOKUP is not available in Excel 2016. Use IFERROR with INDEX and MATCH so that MATCH locates the employee name and IFERROR returns the required custom result if no match exists.

QUESTION NO: 2

A worksheet contains order dates in column A and order amounts in column B. You need to calculate the total order amount for dates from January 1, 2016 through January 31, 2016. Which function should you use?

A. SUM

B. SUMIF

C. SUMIFS

D. SUBTOTAL

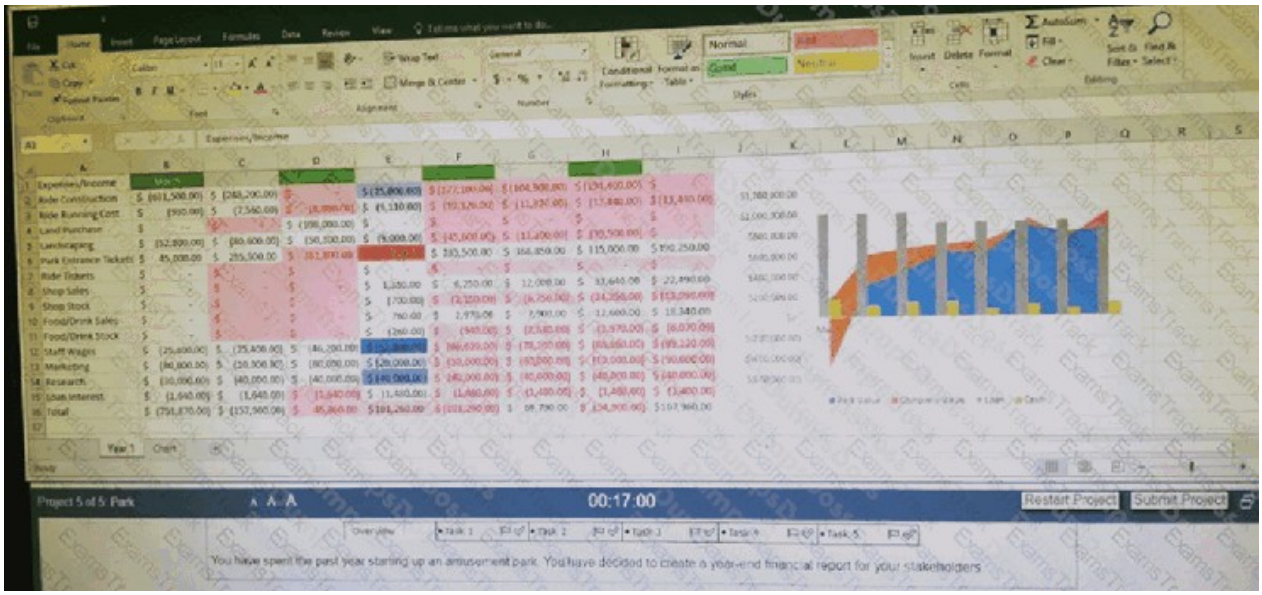
ANSWER: C

Explanation:

SUMIFS adds values in a sum range when multiple criteria are met. Use column B as the sum range and specify two criteria for column A: one greater than or equal to January 1 and one less than February 1.

QUESTION NO: 3 - (SIMULATION)

Exhibit:



You have spent the past year starting up an amusement park. You have decided to create a year end financial report for your stakeholders.

Task 1:

Using the Fill Series option in Excel fill in the months April through October in cells C1 I1 Do not change the cell formatting.

ANSWER: See the explanation for the answer

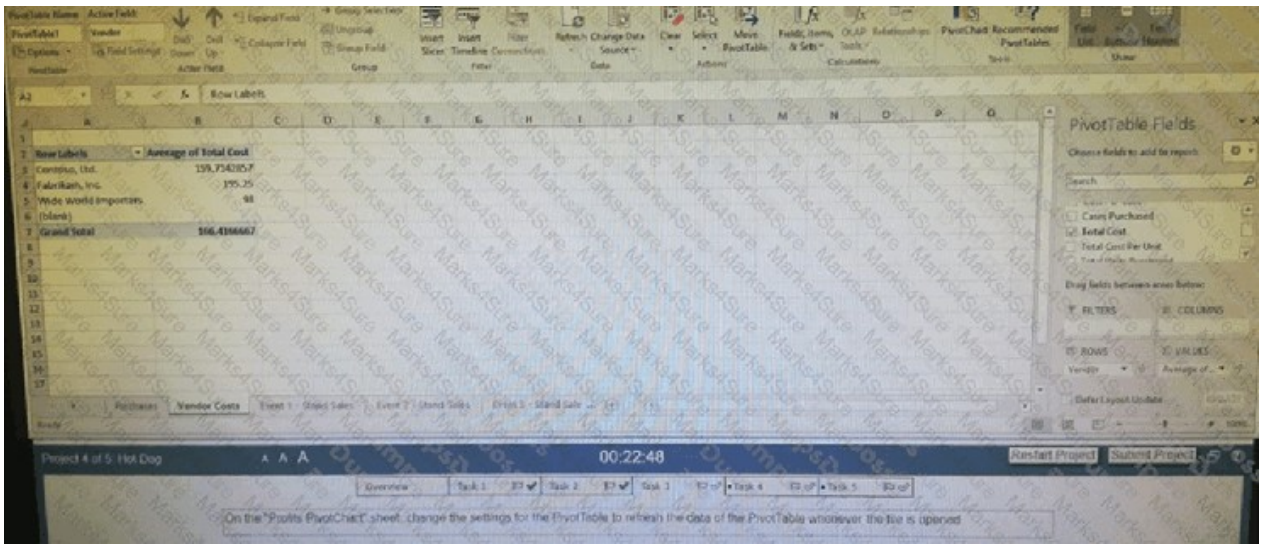
Explanation:

Fill C1:I1 with April through October as a monthly date series:

The resulting entries in `C1:I1` are `April, May, June, July, August, September, October`. This uses Fill Series and does not require changing the existing cell formatting.

QUESTION NO: 4 - (SIMULATION)

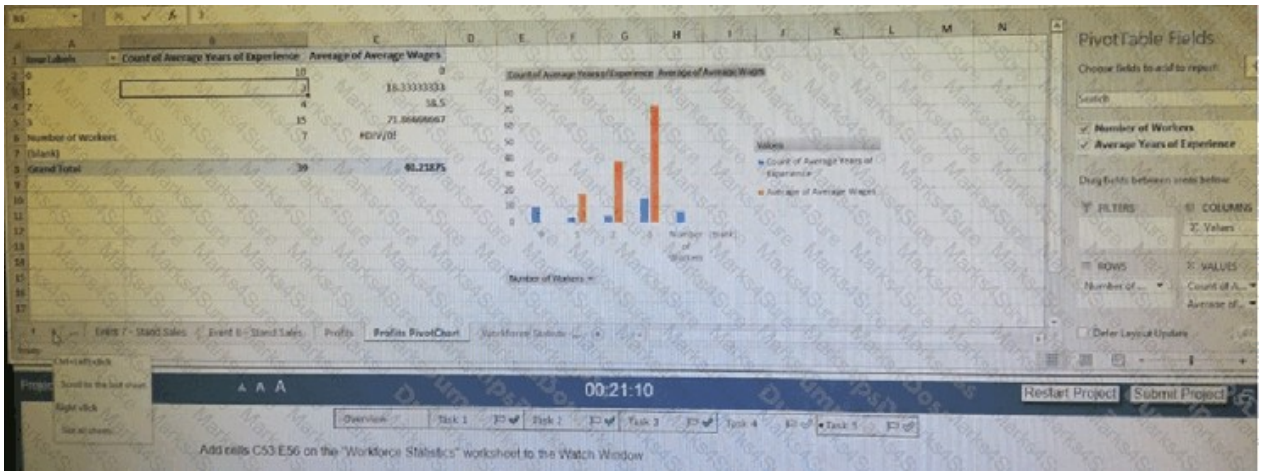
Exhibit:



You are an accountant for an event stadium. You have created a workbook to keep track of the four vendors that are available at the stadium.

Task 4:

Exhibit:



Add cells C53 E56 on the “Workforce Statistics” worksheet to the Watch Window.

ANSWER: See the explanation for the answer

Explanation:

On the **Workforce Statistics** worksheet, add the range `C53:E56` to the Watch Window:

The Watch Window should then list the cells in `C53:E56` from the **Workforce Statistics** worksheet.

QUESTION NO: 5

You need to compare the results of a formula for several possible unit prices and several possible unit quantities. The formula uses one cell for unit price and one cell for unit quantity. Which What-If Analysis feature should you use?

A. Two-variable Data Table

B. Goal Seek

C. Scenario Manager

D. One-variable Data Table

ANSWER: A

Explanation:

A two-variable Data Table calculates results for combinations of values from a row input cell and a column input cell. It is designed to analyze a formula using two changing inputs.

QUESTION NO: 6

A workbook contains a Power Pivot Data Model with a Sales table and a Products table. You need to analyze sales by product category from the Products table. What must exist between the two tables?

A. A relationship based on the matching product key columns

B. An identical number of rows in both tables

C. A calculated field in each table

D. A shared worksheet location

ANSWER: A

Explanation:

Tables in a Data Model must have a relationship to combine fields correctly in a PivotTable. Create a relationship between the product key column in Products and the corresponding product key column in Sales.

QUESTION NO: 7

You import monthly transaction files into separate queries. The files have identical column headings, and you need to create one query containing all transaction rows. Which command should you use?

A. Append Queries

B. Merge Queries

C. Load To Data Model

D. Group By

ANSWER: A

Explanation:

Append Queries combines the rows from two or more queries into a single query. Merge Queries is used to join columns from related queries based on matching values.