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Excel 2013 Expert Part One

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QUESTION 1

You work as an Office Assistant for Dreams Unlimited Inc. You use Microsoft Excel 2013 for creating various types of reports. You have created a report in the format given below:

	A	B	C	D
1	Sales Person ▼	Exceeded Jan Quota ▼	Exceeded Feb Quota ▼	Exceeded Mar Quota ▼
2	Mark	Yes	No	No
3	Sarah	Yes	Yes	No
4	David	Yes	Yes	Yes
5	Sasha	No	Yes	Yes
6	Formula	Description (result)		
7		Counts how many sales people exceeded both their January and February Quota		

In the A7 cell, you are required to put a formula so that it can fulfill the description provided in the B7 cell.

Which of the following formulas will provide the required result?

A. COUNTIF(B2:C5,"=Yes")

B. COUNTIFS(B2:C5,"=Yes")

C. COUNTIF(B2:B5,"=Yes",C2:C5,"=Yes")

D. COUNTIFS(B2:B5,"=Yes",C2:C5,"=Yes")

Correct Answer: D

In order to get the required result, you will have to insert the following formula in the B7 cell:

COUNTIFS(B2:B5,"=Yes",C2:C5,"=Yes")

Only Sarah and David have exceeded their January and February quotas, therefore the formula will provide 2 as the result.

Answer option C is incorrect. The COUNTIF function of Excel does not support multiple criteria.

Answer options A and B are incorrect. This formula will count all the cells that have the value

"Yes" in the range B2:C5. As multiple criteria are not applied in the formula, it will provide 6 as the result.

In order to get the required result, you will have to insert the following formula in the B7 cell:

COUNTIFS(B2:B5,"=Yes",C2:C5,"=Yes")

Only Sarah and David have exceeded their January and February quotas, therefore the formula will provide 2 as the result.

Answer option C is incorrect. The COUNTIF function of Excel does not support multiple criteria.

Answer options A and B are incorrect. This formula will count all the cells that have the value

"Yes" in the range B2:C5. As multiple criteria are not applied in the formula, it will provide 6 as the result.

QUESTION 2

Rick works as an Office Assistant for Tech Perfect Inc. He is creating a user form through

Microsoft Excel 2013. While creating forms for a number of users, he is required to repeat some of the actions multiple times. It is a very time consuming process. To resolve this issue, he wants to record the sequence of actions to perform a certain task and to play them back in the same order.

Which of the following actions will Rick take to accomplish the task?

A. He will use the Trust Center bar.

B. He will use the Evaluate Formula tool.

C. He will put the workbook in a trusted location.

D. He will create and run a macro.

Correct Answer: D

A macro is defined as a tool that permits a user to automate tasks and add several functionalities to forms, reports, and controls. For example, if a user adds a command button to a form, he associates the button\\'s OnClick event to a macro,

and the macro consists of the commands that are to be performed by the button each time it is clicked. The macro records the user\\'s mouse clicks and keystrokes while he works and lets him play them back later. The macro can be used to

record the sequence of commands that the user uses to perform a certain task. When the user runs the macro, it plays those exact commands back in the same order.

Answer option B is incorrect. Evaluate Formula is a formula examination tool provided by Microsoft Excel. This tool is useful for examining formulas that do not produce any error but are not generating the expected result.

Answer options A and C are incorrect. The benefit of connecting to external data from Microsoft Excel is that a user can automatically update Excel workbooks from the real data source wheneverthe data source is updated with new

information. It is possible that the external data connection might be disabled on the computer. For connecting to the data source whenever a workbook is opened, it is required to enable data connections by using the Trust Center bar or by

putting the workbook in a trusted location.

QUESTION 3

You work as an Office Manager for Blue Well Inc. The company has a Windows-based network. You have a formula that uses one or two variables or multiple formulas that all use one common variable. You want to examine a range of possibilities at a glance. Which of the following will you use to accomplish the task?

A. Goal Seek

B. Solver add-in

C. Data table

D. Scenario

Correct Answer: C

A data table is used to see all the outcomes in one place. It is defined as a type of what-if analysis tools. It is used if a user has a formula that uses one or two variables or multiple formulas that all use one common variable. It is used to examine a range of possibilities at a glance and since the user focuses on only one or two variables, results are easy to read and share in tabular form. If automatic recalculation is enabled, it is possible to recalculate the data in data tables immediately and as a result, the user always gets fresh data. Answer option D is incorrect. A scenario is defined as a type of what-if analysis tools. It is a set of values saved by Excel and can be substituted automatically in cells on a worksheet. A user can create and save different groups of values on a worksheet and then switch to any of these new scenarios to view different results. Scenario reports are not automatically recalculated. If the user changes the values of a scenario, those changes will not be displayed in an existing summary report and he must create a new summary report to show the reflection of the changed report. Answer option A is incorrect. Goal Seek is defined as a type of what-if analysis tools. It is used if a user knows the result that he wants from a formula, but he is not sure what input value the formula needs to get that result. It works with only one variable input value. Answer option B is incorrect. The Solver add-in is used if a user knows the result that he wants from a formula, but he is not sure what input value the formula needs to get that result. It is used for more than one input value. It works with a group of cells related to the formula in the objective cell.

QUESTION 4

You work as an Office Manager for Blue Well Inc. The company has a Windows-based network. You want to change values in cells to observe the way in which those changes are affecting the outcome of formulas in the worksheet. Which of the following will you use to accomplish the task?

A. Form control

B. Trust Center

C. Accounting template

D. What-if analysis

Correct Answer: D

What-if analysis is defined as the process of changing values in cells to observe the way in which those changes are affecting the outcome of formulas in the worksheet. There are three types of what-if analysis tools that are named as scenarios, data tables, and Goal Seek. A user can also install the Solver add-in to accommodate more variables than Goal Seek. Answer option A is incorrect. A form control is an original control that is compatible with old versions of Excel, beginning with Excel version 5. 0. It is designed for use on XLM macro sheets. It can be used when a user wants to simply interact with cell data without using VBA code and when he wants to add controls to chart sheets. By using form controls, the user can run macros. He can attach an existing macro to a control, or write or record a new macro. These controls cannot be added to UserForms, used to control events, or modified to run Web scripts on Web pages. Answer option C is incorrect. The accounting template is used for numbering months of a financial year to period numbering. It is used to compare month to month, actual v budget, quarter to quarter, year to year variances. It is the initial point for other reports that need the use of months. Answer option B is incorrect. Trust Center is where a user can find security and privacy settings for Microsoft Office 2013 programs.

QUESTION 5

Rick works as an Office Assistant for Tech Perfect Inc. The company has a Windows- based network.

Rick wants to display data series, categories, data markers, and axes in the report. Which of the

following actions will Rick take to accomplish the task?

A. He will use stand-alone slicers.

B. He will create a PivotTable report.

C. He will configure form controls.

D. He will create a PivotChart report.

Correct Answer: D

The PivotChart report is used to provide a graphical representation of data in a PivotTable report in an interactive way. Whenever a user creates the PivotChart report, PivotChart report filters are displayed in the chart area. These are used for sorting and filtering the underlying data of the PivotChart report. Changes made to the layout and data in the associated PivotTable report are immediately reflected in the layout and data in the PivotChart report. The PivotChart report shows data series, categories, data markers, and axes in the same way as the standard charts do. It is possible to change the chart type and other options such as titles, legend placement, data labels, and chart location. Answer option A is incorrect. Stand-alone slicers are referenced from Online Analytical Processing (OLAP) Cube functions. These stand-alone slicers can be connected with any PivotTable in future. They can be added by using the slicer button on the Ribbon. They need to be manually linked into grids as required.

Answer option C is incorrect. A form control is an original control that is compatible with old versions of Excel, beginning with Excel version 5. 0. It is designed for use on XLM macro sheets. It can be used when a user wants to simply interact

with cell data without using VBA code and when he wants to add controls to chart sheets. By using form controls, the user can run macros. He can attach an existing macro to a control, or write or record a new macro. These controls cannot

be added to UserForms, used to control events, or modified to run Web scripts on Web pages.

Answer option B is incorrect. A PivotTable report is used to summarize large amounts of data, to analyze numerical data, and to answer unexpected questions about data.