Excel Basic Answers

1. Explain the difference between Relative, Absolute and Mixed Cell Referencing. You have the following dataset:

Vehicle	Price
Car	500000
Bicycle	10500
Auto— Rickshaw	25000

Answer :-

1. Relative Cell Reference

   - Change automatically when copied to another cell.

   - Example: IF A1+ B1 in cell C1 is copied to C2,It becomes = A2+B2.

   - Changes row and column when copied.

2. Absolute Cell Reference

   - Remain fixed no matter where the formula is copied.

   - Written with $ sign A1.

   - Example : If = A1*b1 is copied down, only A1 changes,b1 stays

      constant.

   - Useful for fixed vales like tax rates, conversion <u>factores</u>, constants.

3. Mixed Cell Reference

   - Combination of relative and absolute.

   - $A1 - column A fixed ,row changes.

   - A$1 – row 1 fixed, column changes.

   - Tables or multiplying across both rows and columns.

2. Write a formula to calculate the total sales of Car and Bicyle only only.

Vehicle	Price
Car	500000
Bicycle	10500
Auto— Rickshaw	25000

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Answer :-

- Car Price is in B2 (500000)

- Bicycle price is in B3 (10500)

- Both total sales = 510500

3. Using the data below, write a formula to calculate the average sales of items priced above 100 but less than 300:

Item	Price	Soles
Item A	90	1000
Itern B	150	1200
Item C	250	1500

Answer :-

- Price in column B

- Sales in column C

- Data From rows 2 to 4

Note: Use the following Dataset and solve the following questions.

Dataset Link : Soles Data

4. Count how many customer names are recorded.

Answer :-

- COUNTA(B2:B51) = 50 customers

5. Calculate the Total Soles for each row using a formula.

Answer :-

- Quantity is in column E
- Price is in column F
- =E2 * F2. = H

6. Calculate the total sales of Notebooks in the North region only.

Answer :-

- Product – Column D
- Region – Column A
- Total Sale - Column F
- =SUMIFS(F:F, C:C, "Notebook", A:A, "North") = I

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7. Create a column chart showing total sales by product.

Answer :-

- Select Product And Total Sales Columns.
- Go to Insert – Chart.
- Choose Column Chart.
- And chart title:- " Total Sales by product".

8. Insert a line chart showing daily sales trend.

Answer :-

- Select Data and Total Sales
- Go to Insert – Chart
- Choose Line Chart
- And title: " Daily Sales Trend".

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