REVISION – DISCOVERING DATA

YEAR 5 – COMPUTING

Choose the correct answer(s):

1. What type of data represents categories?

A Continuous

B Categorical

C Discrete

D Numerical

2. Jon typed the formula **=A2+B2+C2** where A2 is 4, B2 is 5, and C2 is 9.
   Which of the following options would give the same result as Jon's?

A =SUM(4, 5 ,9)

B =SUM(A2, B2, C2)

C =SUM(A2:C2)

D All of these

3. What type of chart in Excel is best for showing trends over time?

A Pie chart

B Line graph

C Bar chart

D None of the above

4. Which of the following is a feature in Excel that ensures data accuracy?

A Conditional Formatting

B Data Validation

C Pivot Tables

D Filter

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5. What would you use a pie chart in Excel for?

A To show the distribution of a single category

B To show continuous data

C To display data in chronological order

D To represent parts of a whole

6. What are the benefits of modifying chart elements in Excel?

A Improved clarity and visual appeal

B Changing the colour of the chart

C Correcting data entry errors

D Easily grasping the key insights from your data

State true or false:

1. In Excel, every formula begins with a plus sign (+).
2. Data validation in Excel can restrict the type of data entered in a cell.
3. Discrete data is a type of data that can be grouped into categories and is typically non-numeric.

Fill in the blank(s) with options

form **spreadsheet** **filter** **data validation**

1. A _____ is commonly used in data collection to ensure consistent and structured information gathering.
2. Using _____ in Excel ensures that the data entered meets the specific criteria.
3. Excel's _____ feature allows users to view only the data that meets certain conditions.
4. A _____ is a digital tool used for storing and organising data in rows and columns.

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Match The Following

Line graph	Represents parts of a whole.
Pie chart	Shows trends over time,
Bar chart	Groups based on characteristics.
Data validation	Ensures data accuracy.
Categorical data	Compares different categories.

Arrange the steps of a statistical investigation in the correct order.

Drawing a conclusion

Formulating questions for data collection

Analysing the data

Collecting the data via survey

Representing the data in different forms

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