

# 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

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.

### Match The Following

Line graph
Pie chart
Bar chart
Data validation
Categorical data

Represents parts of a whole.
Shows trends over time,
Groups based on characteristics.
Ensures data accuracy.
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