

Student Name: _____

Date: _____

Section 1: Multiple Choice

1. A CONSTANT in an experiment:

- What you measure
- What stays the same
- What you change
- Your prediction

2. A data table should have:

- Only pictures
- Labeled columns with units
- Just numbers
- No headers

3. Best graph for change over time:

- Pie chart
- Bar graph
- Line graph
- Scatter plot

4. A control group is:

- Changes every trial
- Not exposed to the variable
- Best result group
- Has no data

5. Repeated trials help to:

- Make experiment shorter
- Increase accuracy and reliability
- Change the hypothesis
- Avoid control

Section 2: Short Answer

1. What are two ways to make an experiment more reliable?

2. A student changes light color AND temperature. What is wrong?

Multiple Choice Answers:

1. B
2. B
3. C
4. B
5. B