

## GLOSSARY

### A

**accuracy** describes how close a measured value is to the true value of the quantity measured (15)

### C

**controlled experiment** experiment involving manipulation of only a single variable or factor (9)

### M

**model** a replica or description designed to show the structure or workings of an object, system, or concept (6)

### P

**precision** the degree of exactness with which a measurement is made and stated (15)

### S

**significant figures** digits in a measurement that are known with certainty plus the first digit that is uncertain (16)

**system** a set of items or interactions considered a distinct physical entity for the purpose of study (7)