Solutions

Marking: **M1** a correct method, **A1** the correct answer, **B1** an independent mark.

Each answer shows the steps, then the **result**.

2.1

- **fungi**

2.2

any two: body of **hyphae**; cell walls **not cellulose** (chitin); **no chlorophyll**; feed on dead matter

2.3

- W **fish**
- X **bird**
- Y **reptile**
- Z **amphibian**

2.4

- **arachnid**
- **eight legs** and **two body parts** (no antennae)

2.5

- a **protein coat** around **genetic material**
- it is **not made of cells** / cannot reproduce on its own

2.6

- P **monocotyledon** (parallel veins)
- Q **dicotyledon** (branching veins)

3.1

D

3.2

B

3.3

(a)

- W **plant**
- X **prokaryote**
- Y **fungus**
- Z **protoctist**

(b) both have **cell walls** / have nuclei / many cells

(c) it has **no nucleus**

(d)

- **insect**
- six legs and three body parts fit the insect group

(e)

- a fern has **fronds** and makes **spores**
- a flowering plant has **flowers** and makes **seeds**