

Solutions

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

2.1

- Structural, physiological, behavioral

2.2

- Structural

2.3

- By natural selection over generations

3.1 C

- a behavioral adaptation

3.2

(a)

- Waxy coating = structural; storing water = physiological (or structural stem)

(b)

- The waxy coating reduces water loss and the stored water lets the plant survive drought, so it survives in a dry desert

3.3

- Individuals with the adaptation survive and reproduce more, passing the trait to offspring; over generations it becomes common in the population