

9 Which feature of storage polysaccharides means they do **not** change the water potential of cells?

- A** They are easily hydrolysed.
- B** They are compact.
- C** They are insoluble.
- D** They are branched molecules.

12 What is a feature of triglyceride molecules?

- A** They are hydrophobic molecules.
- B** They are molecules with a single ester bond.
- C** They are polar molecules.
- D** They are water-soluble molecules.

13 An unsaturated fatty acid molecule has 17 carbon atoms in the tail which is attached to its carboxyl group. The tail contains three double bonds.

How many hydrogen atoms does the tail contain?

- A** 29 **B** 31 **C** 33 **D** 35

7 Which molecules have a structural formula that contains C=O bonds?

- 1 glucose
- 2 glycerol
- 3 protein

- A** 1, 2 and 3 **B** 1 and 2 only **C** 1 and 3 only **D** 2 and 3 only