

Answer ALL questions.

Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

1 Plants contain starch and cellulose.

(a) (i) Which part of a plant cell stores starch?

(1)

- A** amyloplast
- B** middle lamella
- C** plasmodesmata
- D** tonoplast

(ii) How many of the following statements about starch are correct?

1. it has a compact shape
2. it contains 1,6 glycosidic bonds only
3. it is a polymer of β -glucose
4. it is a polypeptide

(1)

- A** one
- B** two
- C** three
- D** four

(iii) How many of the following contain cellulose?

1. phloem
2. sclerenchyma
3. vacuole
4. xylem

(1)

- A** one
- B** two
- C** three
- D** four