**1.** How do mineral ions in the soil move to the root through the soil?

A. Osmosis

B. Mass flow of water

C. Translocation

D. Through phloem

(Total 1 mark)

**2.** (a) Draw a labelled diagram of the structure of a chloroplast as seen with an electron microscope.

(4)

(b) Describe how water is carried by the transpiration stream.

(7)

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(Total 11 marks)