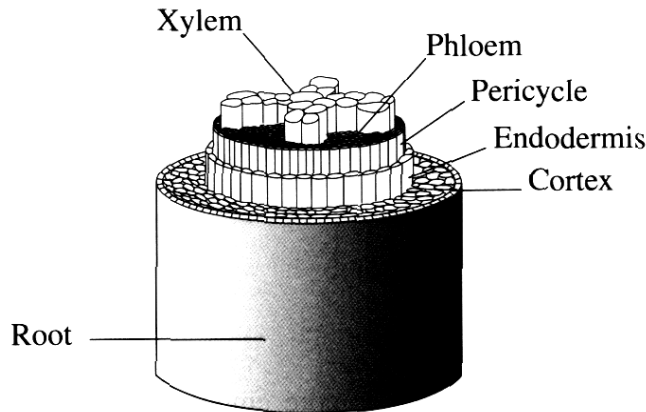


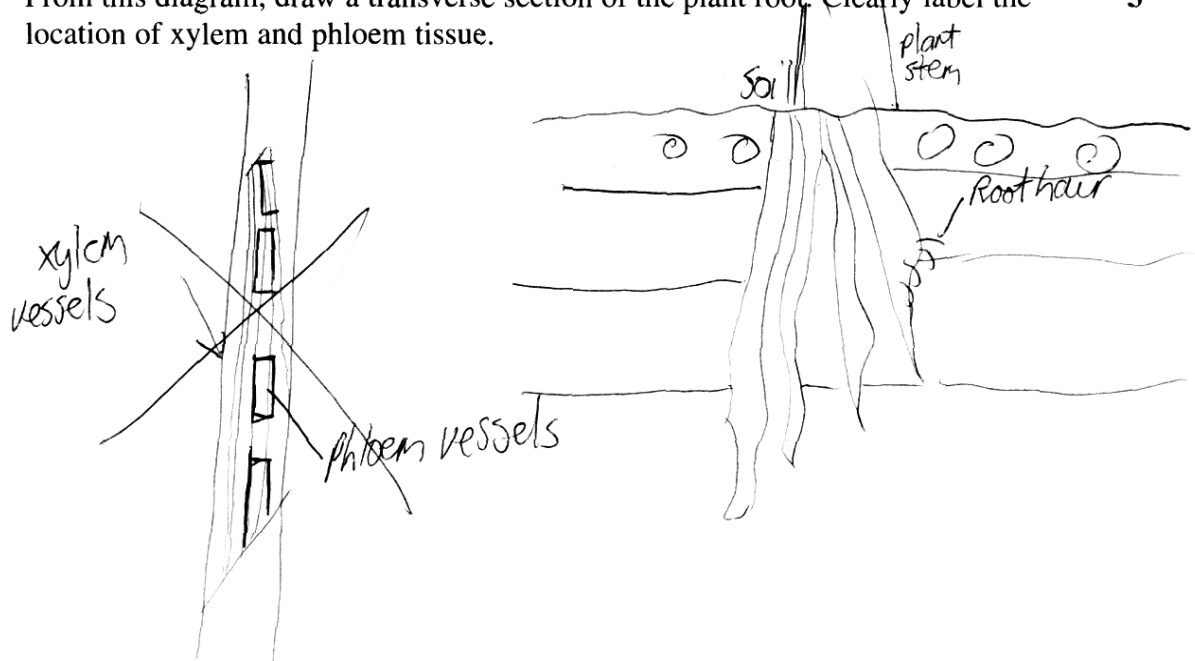
Marks

Question 17 (6 marks)

The diagram shows the arrangement of tissues in a young plant root.



- (a) From this diagram, draw a transverse section of the plant root. Clearly label the location of xylem and phloem tissue. 3



- (b) Describe ONE current theory about the processes responsible for the movement of materials through phloem tissue in plants. 3

Process through phloem tissue plants would be translocation, altering organic materials ~~in~~ - Sugars, water throughout the whole plant to the leaves this process can also be called photosynthesis where light is a form of energy ~~for~~ for the plant.