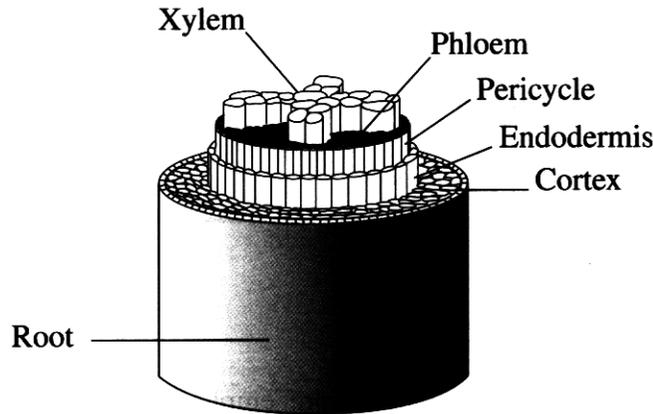


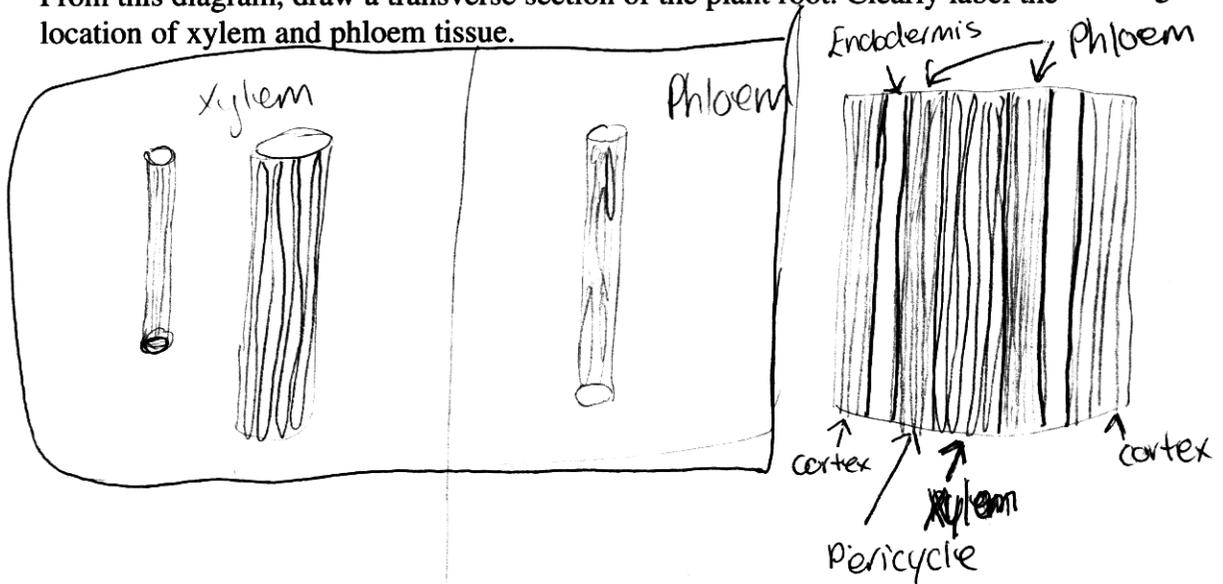
**Marks**

**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

..... Translocation - movement through  
 ..... osmosis & passive movement.  
 .....  
 .....  
 .....  
 .....