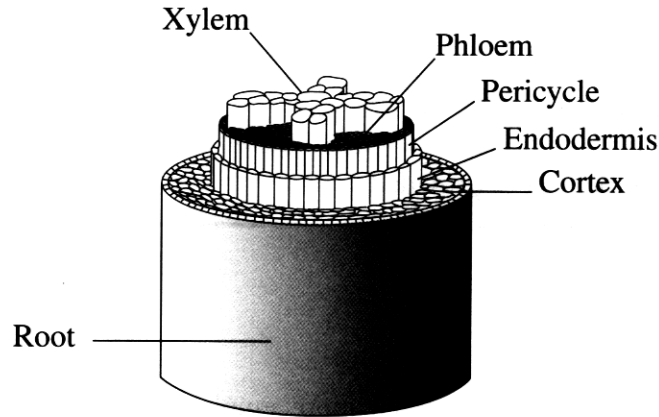


**Marks**

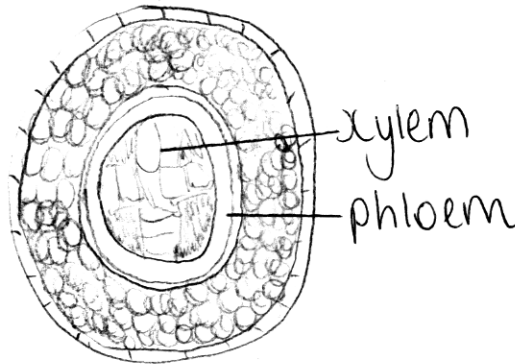
**Question 17 (6 marks)**

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**

One current theory is that of.....  
.....  
.....  
.....  
.....  
.....