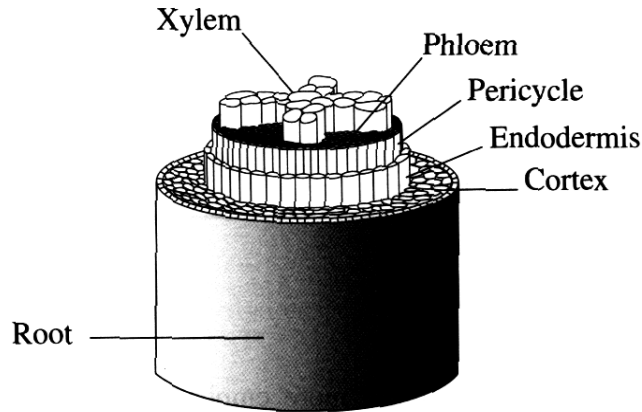


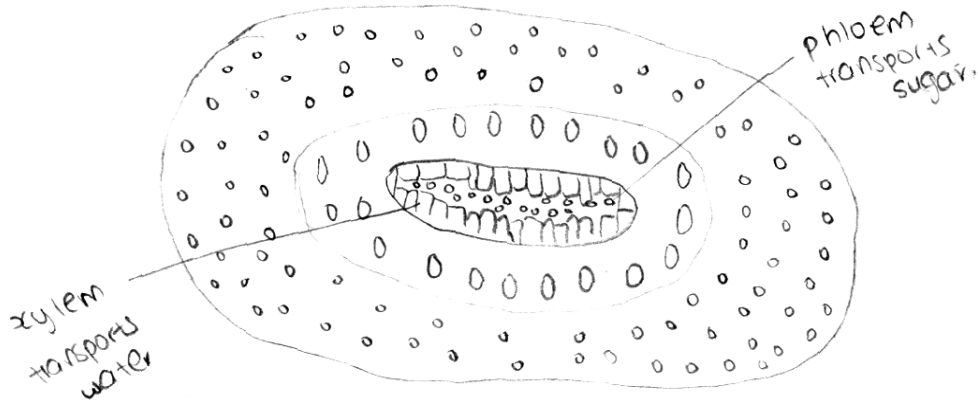
**Marks**

**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

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In order for plants to get their nutrients,  
plants ~~td~~ carries sugars ~~td~~ from the roots through  
the phloem.  
.....  
.....