

2010 HIGHER SCHOOL CERTIFICATE EXAMINATION
Biology

Section I – Part B (continued)

Question 25 (5 marks)

- (a) Justify your choice of equipment or resources to perform a first-hand investigation to draw a longitudinal section of xylem tissue. 2

- Put a stem of celery in dyed water and let it absorb in the ink.
- Using a scalpel cut the stem of the celery longitudinal way in a very thin layer and observe the inside under a microscope.

- (b) Draw a diagram of a longitudinal section of xylem tissue and label ONE characteristic feature. 3

