

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

The use of dye to locate the position of the xylem through transpiration, and the use of a microscope and longitudinal cuts of the xylem to correctly identify the structure.

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

