

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

In order to observe xylem tissue you must have a scalpel to cut the longitudinal section and a microscope to accurately & closely observe the tissue. However the microscope must be used correctly with slides set up in the right way and care must be taken when using the scalpel as it's sharp & potentially dangerous.

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

