**Yr. 12 ATAR Human Biology ATHBY**

**Task 12: Extended Response**

**Conditions**

Time for task: 40 minutes

**Task weighting: 5 %**

**In-class assessment 20 marks**

Answer each part of the following question on the line paper provided.

Use black or blue pen for this section. Only graphs and diagrams may be drawn in pencil.

Responses can include: labelled diagrams with explanatory notes; lists of points with linking

sentences; labelled tables and/or graphs; and/or annotated flow diagrams with introductory

notes.

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Multicellular organisms have specialised transport systems to ensure all cells receive the requirements they need to survive.

1. Explain why some small organisms can survive without a specialised transport system, while larger plant and animals cannot. (4)
2. There are different vessels used to transport materials around plants and animals. Select two transport vessels from plants and two from animals; summarise the features and functions of the vessels you selected and explain how their structure is related to their function. (16)