

MINISTRY OF EDUCATION, HERITAGE AND ARTS

YEAR 12 BIOLOGY

REVISION WORKSHEET 8

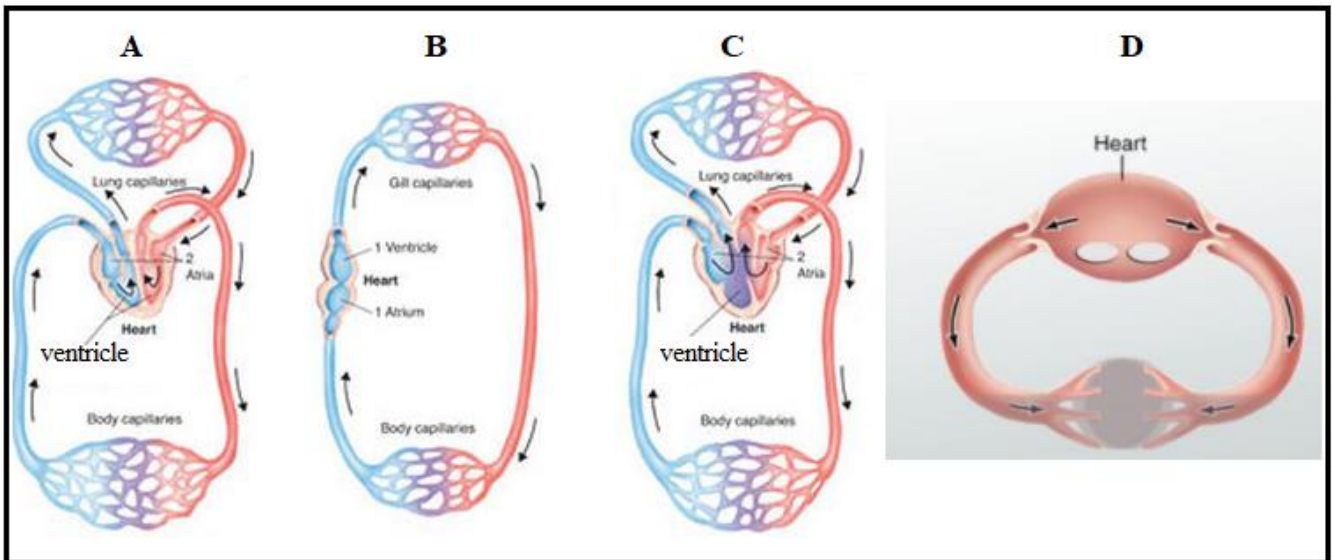
Write the answers to the following questions in your exercise/activity books.

Transport in Plants and Animals

1.
 - i. Define the term **translocation**. (1 mark)
 - ii. Describe how this process of translocation takes place in plants. (2 marks)

2. The different means of transportation in plants are simple diffusion; facilitated diffusion; osmosis and active transport.
Select any **two** of the above methods and using examples, describe how transport takes place. (8 marks)

3. For each of the animal (circulatory/transport) systems shown below:
 - i. name the type of system (whether open/closed, single/double, etc); (4 marks)
 - ii. briefly describe how materials and wastes are transported; (8 marks)
 - iii. State the name of an organism with this type of system; (4 marks)
 - iv. Explain how this system is suitable for the organism named in (iii) above). (8 marks)



Source: <https://circulatoryswag.weebly.com/>

The End