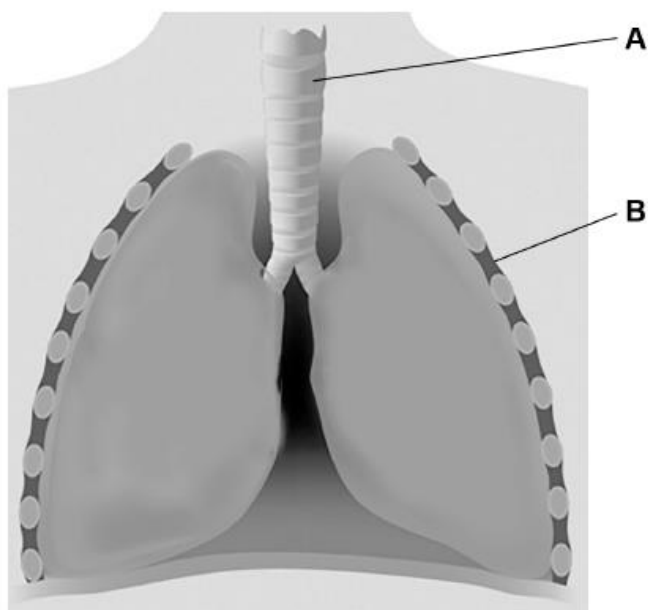


AQA – Organism exchange substances with their environment – AS Biology P11. **No.1**

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Figure 1 shows a diagram of the human gas exchange system.**Figure 1**

Structure **B** is muscle. The volume of the thorax is increased when structure **B** contracts.

Name the structures labelled **A** and **B**.

[2 marks]

A _____

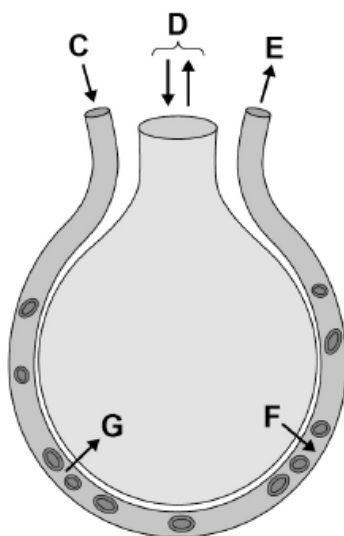
B _____

0 1 . 2

Figure 2 is a diagram of an alveolus and a blood vessel associated with the alveolus.

The direction of the movement of substances is shown by the arrows labelled **C**, **D**, **E**, **F** and **G**.

Figure 2



Complete **Table 1** by writing the correct letter, **C**, **D**, **E**, **F** or **G**, in the box next to each statement. You may use each letter once, more than once or not at all.

[2 marks]

Table 1

Box	Statement
	represents the diffusion of oxygen
	represents the transport of a gas mixture
	represents blood moving at the highest pressure

01.3

Describe and explain **one** adaptation of a **single** alveolus for gas exchange.

[2 marks]
