**Breathing and gaseous exchange Homework**

* L4 / 5 Draw and label your diagram showing how gas exchange occurs in the Alveoli.

Q) L 5 How is the Alveoli adapted to its function? ………………………………………………………………………………………………………………………………………………………………………………………………

Q) L5 / 6 What is diffusion and how does it operate in gas exchange?

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Q) L 4 / 5 What is inhalation and exhalation?

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Q) L 5 True or false with reasons …Carbon dioxide is inhaled and passes from the alveoli to the capillaries by the process of active transport. ….............................................................................................

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Q) L5/6 Name the parts represented in the bell jar lung model. ......................................................................................................................................................................................................

**Extension.**

L6 / 7 Q) Explain how oxygen reaches the capillaries surrounding the Alveoli using the following words; Trachea, Bronchus, Bronchioles, Alveoli, Diffusion, Surface area, Concentration gradient, Capillaries and Red blood cells.

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