

Homework

A. 1. _____ is considered as the basic functional unit of the human kidney.

b) Nephron

2. Bowman capsule is located in _____.

a) Cortex.

3. _____ are tubes made up of smooth muscular fibres that transport urine to the bladder from the kidneys.

c) Ureters.

4. The _____ is a network of tiny blood vessels located at the beginning of a nephron.

Ans d) Glomerulus.

B. 1. People living at sea level have around 5 million RBCs per cubic millimetre of their blood, whereas those living at an altitude of 5400 metres have around 3 million. This is because of high altitude.

1. ~~Which of~~ Atmospheric oxygen is less and hence more RBC's are needed to absorb the required amount of O_2 .

2. Which of the following by filtering and keeping the mucus and dirt away from our lungs.

Ans. a) cilia

3. The exchange of gases between the external environment and the lungs.

b) External Respiration.

4. Which one of the following statements is false ~~about~~ the trachea.

b) It is covered by epiglottis.