

Life processes

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

Ans) (option B) Nephron

2. Bowman capsule is located in _____.

Ans) Cortex (option A)

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

Ans) (option C) Ureters.

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

Ans) (option D) Glomerulus

B) 1) people living at sea level have around 5 million RBCs per cubic millimetre of their body blood whereas those living at an altitude of 5400 metres have around 8 million. This is because at high altitude.

Ans) c) atmospheric oxygen level is less and hence more RBCs are needed to absorb the required amount of O_2 to survive.

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

Ans) Cilia

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

Ans) b) External Respiration.

4) Which one of the following statements is false about the trachea?

Ans) b) It is covered by epiglottis.