

Case Based Questions.

A

1. Nephron is considered as the basic functional unit of human kidney.
2. Bowman capsule is located in Cortex.
3. Ureter are tubes made up of smooth muscle fibres that transport urine to the bladder from the kidneys.
4. The glomerulus is a network of tiny blood vessels located at the beginning of a nephron.

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 8 million. This is because at high altitude, atmospheric O_2 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 our lungs?
a) cilia.

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

4. which one of the following statements is false about the trachea?

1) It is covered by epiglottis. ✓