

Life processes BT-7/Sop/d
MCS

- (A) (1) Nephrons is considered as the basic functional unit of the human kidney.
- (2) Bowman Capsule is located in cortex.
- (3) Ureters 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

reason. This is because at high altitude

Atmospheric oxygen level is less and hence more RBCs are needed to absorb the required amount of O_2 to survive.

② Check 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 External Respiration.

④ Check one of the following statements is false about the trachea.

Ans. It is covered by epiglottis