

## HOME ASSIGNMENTS

- A.1. Neuron is considered as the basic functional unit of the 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 the air blood whereas those living at an altitude of 5400 metres have around 8 million. 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. Which of the following functions by filtering and keeping the mucus & dirt away from our lungs?

(a) cilia

(b) Bronchioles

(c) Hairs in lungs

(d) All of the above

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?  
It is covered by epiglottis