

① How is the amount of urine produced regulated?

Ans:- The amount of urine produced is regulated by the selective reabsorption in the tubule of nephron as urine flows along the tubule. The amount of water reabsorbed depends on how much excess of water is there in the body and on how much of dissolved wastes is there which is to be excreted.

⑬ Alveoli In Lungs

→ These are the balloon like structures found inside the lungs.

→ Alveoli contain an extensive network of blood vessels.

→ Alveoli provide a large surface area, where exchange of gas can take place.

→ A large no. of alveoli are present in lungs.

Nephrons in Kidneys

→ These are long, coiled tubule like structures present inside the kidneys.

→ Nephrons contain a bundle of blood capillaries called a glomerulus.

→ Nephrons help in filtering waste from blood, so that only harmful products are eliminated.

→ Nephrons are very small in size, but are large in no. in each of the kidneys.