

3. How is the amount of urine produced regulated?

The amount of urine is regulated by kidney. It depends on the amount of excess water and wastes dissolved in water.

when water is found in ^{more} amount, large amount of dilute urine is excreted out. when water is found in less amount, small amount of concentrated urine is excreted.

when there is more quantity of dissolved waste in body, more amount of water is excreted.

13. compare the function of alveoli in lungs and nephrons in kidney.

Alveoli

Nephron

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| → functional unit of lungs | → functional unit of kidney |
| → lung has 30 crore alveoli | → kidney has 10 lakh nephrons |
| → provide wide surface for gaseous exchange. | → surface area of a nephron is not much more |
| → The exchange of O_2 and CO_2 takes place in capillaries of alveoli | → The Bowman's capsule regulates concentration of water and salt |