

Biology - 10th Class Biology English Medium Chapter 11 Preparation

Q1. What are afferent and efferent arterioles?

Ans 1: Afferent arterioles form glomerulus Efferent arterioles arise from glomerulus.

Q2. What are papillary ducts?

Ans 1: Many collecting ducts join together to form several hundred papillary duct.

Q3. Write function of ureter?

Ans 1: Ureter is the tube which carry urine from kidney to urinary bladder.

Q4. Write the function of kidney?

Ans 1: Function of kidney. i. It filters water, salts, urea, uric acid etc from the blood and form urine. ii. It maintains salts and water balance in body fluids.

Q5. Define Homeostasis.

Ans 1: Homeostasis may be defined as the maintenance of internal conditions of body at equilibrium, despite changes in the external environment.

Q6. What is collecting duct?

Ans 1: The distal convoluted tubules of many nephrons open in a single opening which collect the material, this opening is called collecting duct.

Q7. Differentiate between Glomerulus and Bowman's capsule.

Ans 1: Glomerulus: glomerulus is a network of capillaries present inside the Bowman's capsule.

Ans 2: Bowman's Capsule: Bowman's capsule is a cup shape structure.

Q8. What is dialysis? What are its types?

Ans 1: It is the cleaning of blood by artificial methods. i. Peritoneal dialysis ii. Haemodialysis

Q9. What is metabolic wastes.

Ans 1: the wastes produced during the metabolism of body. That may harm the body is called metabolic waste.

Q10. Define osmoregulation.

Ans 1: It is the maintenances of the amounts of water and salts in body fluids. It is done by kidneys and skin.
