



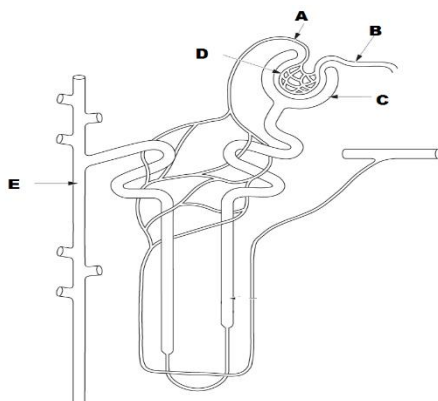
DELHI PUBLIC SCHOOL, HOWRAH

QUESTION BANK

TOPIC- LIFE PROCESSES (TRANSPORTATION AND EXCRETION)

CLASS – X

1. What happens if conducting tubes of circulatory system develops a leak?
2. Why is it necessary to separate oxygenated and deoxygenated blood in mammals?
3. How is the amount of urine produced regulated?
- 4.



- a. Identify A, B, C, D and E.
 - b. How C and D are helpful in the formation of urine?
5. What is the difference between the transport of materials in xylem and phloem?
 6. As a result of ultrafiltration along with excretory products certain useful products like glucose, salt etc. are also filtered but not excreted. How?
 7. What is the difference between renal artery and renal vein?
 8. How dialysing fluid is different from blood plasma?
 9. Explain the mechanism involved in the transport of water in plants i. During day time and ii. During night.
 10. The urine forming in each kidney enters a long tube **A** which connect the kidneys with **B**. Urine is stored in the **B** until the pressure of expanded **B** leads to the urge to pass it out through **C**. **B** is muscular in nature. Identify **A**, **B** and **C**.
 11. How leaves of the plant involve in the mechanism of removal of wastes from the plant's body?
 12. What is the advantage of capillaries of being thin walled?
 13. Why do the ventricles have thick muscular walls than the atria?
 14. Why can't large animals rely on diffusion for their process of transportation?
 15. State the condition where the patient can be advised for undergoing dialysis by the doctor.
 16. What is the excretory structure in *Amoeba*?