

HUMAN EXCRETORY SYSTEM QUESTIONS

1. What are the differences between excretion, secretion and defaecation?
2. The urinary and respiratory systems as well as the skin are regarded as excretory. What does each excrete?
3. Briefly describe the path of a molecule of urea from its formation in the liver to its excretion in the urine.
4. (a) What substances are present in normal urine?
(b) What substances may be present in greater or lesser amounts than normal in the urine of ill people?
5. Describe how a nephron functions.
6. Why do desert animals have a thicker medullary region in their kidneys than do animals in less arid areas?
7. How does excess coffee affect the functioning of the kidneys?
8. Artificial kidneys called dialysis machines have been devised for patients critically ill with kidney disease. How do you think they work?
9. What are the various forms in which nitrogenous wastes can be excreted by animals?