

X_Life-Processes (Excretion)_Worksheet 3

1. Why is the haemodialysis unit called an artificial kidney? Explain.
2. What are the methods used by plants to excrete wastes? Write any 4.
3. Write one function of the artificial kidney.
4. Explain the mechanism and concept of dialysis.
5. Why do plants not have any special excretory system?
6. How is excess water removed from the human body?
7. Which organ removes nitrogenous wastes from the human body?
8. Why is it important to remove wastes from the blood?
9. What should not be found in the urine, that would indicate a problem in the kidneys?
10. What is dialysis and when is it carried out?
11. Why should glucose be absent in the urine?
12. Why is the urine thicker or concentrated on a hot summer day?
13. Draw the diagram of the excretory unit of the human kidney and label the following..... Bowman's capsule, glomerulus, collecting duct, loop of Henle, the renal vein.
14. Write the important function of the structural and functional unit of the kidney?
15. How do plants get rid of excess water?
16. What is the one difference between excretion by kidney and dialysis?
17. Plants excrete waste through roots to the surrounding soil. Justify.
18. Write in short about the dialysing fluid.
19. What are the different waste products excreted by plants?
20. How does dialysis help?