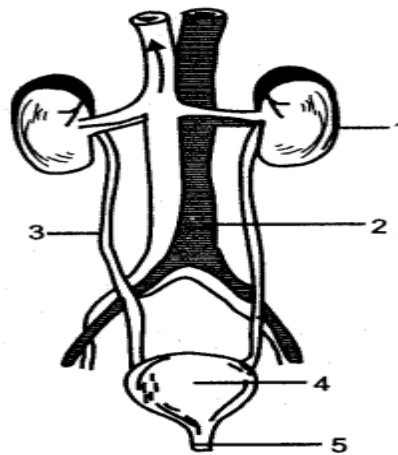


X_Life-Processes (Excretion)_Worksheet 2

1. What is the purpose of making urine?
2. What are the factors on which the amount of water reabsorbed by the tubular part of the nephron depends?
3. List 2 important steps in Urine formation?
4. Draw a diagram of human excretory system and label.....the right renal artery, the part storing the urine, the part producing the urine, the part through which urine is passed out.
5. Name the site where the selective reabsorption of filtrate from Glomerular occurs.
6. Explain why the composition of glomerular filtrate is not the same as urine.
7. What is the role of tubular secretion in maintaining acid-base and ionic balance in the body fluids?
8. How is urine formed in the human body?
9. Where does the waste in the blood come from?
10. Which organ or gland remove salt from the human body?
11. Write 2 differences between
 - 1) Renal artery and renal vein
 - 2) Ureter and urethra



12. Label the parts 1,2,3,4,5
13. Why is the step tubular reabsorption in urine formation important?
14. What is meant by Glomerular Filtration Rate (GFR)?
15. What is osmoregulation?
16. How does osmoregulation help amoeba?
17. Which organ is responsible for osmoregulation in human beings?
18. What does the glomerular filtrate contain?
19. Name the materials that are selectively reabsorbed?
20. Diagrammatically explain the formation of urine.