1. What is osmoregulation?
2. Which organ synthesises urea?
3. What causes the liquid part of blood to filter out from the glomerulus into the renal tubule?
4. What is excretion? How do unicellular organisms remove their wastes?
5. What are the methods used by plants to get rid of excretory products?
6. How water enter continuously into the root xylem?
7. Write two major components of human urine.
8. Major amount of water selectively reabsorbed by the tubular part of nephron in humans. What are the factors on which the amount of water reabsorbed depends?
9. What is the function of the following: (i) Renal artery, (ii) Renal Vein?
10. List two major steps involved in the formation of urine and state in brief their functions.
11. List any four strategies used by the plants for excretion.
12. Mention the pathway of urine starting from the organ of its formation. Name four substances which are reabsorbed from the initial filtrate in the tubular part of the nephron

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