

Urinary System

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. As a result of osmotic pressure, water, glucose, and waste products are filtered into which part of the nephron?
- a. Urethra
 - b. Distal tubule
 - c. Bowman's capsule
 - d. Ureter
- _____ 2. Which organ filters blood that has collected wastes from cells throughout the body and maintains the homeostasis of body fluids?
- a. kidneys
 - b. heart
 - c. lungs
 - d. pacemaker
- _____ 3. Which of the following stores urine before being expelled from the body?
- a. urinary bladder
 - b. urethra
 - c. kidneys
 - d. ureters
- _____ 4. The filtering unit of the kidney is the_____.
- a. bladder
 - b. ureter
 - c. nephron
 - d. urethra
- _____ 5. Which of the following is a function of the kidney?
- a. remove wastes from the blood
 - b. adjust the fluid level of the blood
 - c. adjust the salt level of the blood
 - d. all of the above

True/False

Indicate whether the statement is true or false.

- _____ 6. The major waste products of the cells are ammonia and the wastes from the breakdown of proteins.
- _____ 7. As the liquid passes through the U-shaped tubule in the nephron, most of the ions and water and all of the glucose and amino acids are reabsorbed into the bloodstream.
- _____ 8. The kidneys help regulate blood pressure

Match:

- A. collecting duct;
- B. loop of Henle;
- C. distal convoluted tubule;
- D. glomerulus;
- E. proximal convoluted tubule;
- F. renal artery;
- G. Bowman's capsule;
- H. Antidiuretic hormone or ADH.
- I. Urine
- J. Urea and uric acid
- K. serum

- 9. Carries blood to the kidney
- 10. The hormone that is involved in producing concentrated urine
- 11. Cup shaped structure through which the fluid part of the blood is filtered
- 12. Where the majority of water is reabsorbed into the body again.
- 13. Looped portion of the tubule. Important for helping concentrate the urine
- 14. Tuft of capillaries carrying high pressure blood
- 15. two toxic nitrogenous wastes that your kidneys constantly remove from your bloodstream.
- 16. A filtering unit in the kidney
- 17. Fine capillaries inside the kidneys
- 18. Solution of body wastes consisting of excess water, waste molecules, and excess ions

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