

Name _____ Date _____ Period _____

Urinary System Review Packet

1. What are the two main functions of the urinary system?
2. What gets eliminated out of the body through the urinary system?
3. Name 6 ways the urinary system maintains homeostasis.
4. What is attached at the renal hilus?
5. What gland is atop each kidney?
6. What are the two coverings of the kidney? Circle the one that protects the kidney and keeps it in the correct location.
7. What funnels urine towards the renal pelvis?
9. What is the structural and functional unit of the kidney? What are its two main structures? What does it do?

10. Describe the structure of the glomerulus. Include arterioles, podocytes, capillaries, and glomerular capsule.

11. What are the two types of nephrons? Where are most of your nephrons found?

12. What is the purpose of peritubular capillaries?

13. What are the three processes of urine formation?

14. What is filtration? Does it require energy? Where is filtrate collected?

15. What does not pass through capillary walls?

16. Where does filtrate leave through after it has been collected in the glomerular capsule?

17. What is reabsorption? Does it require energy? Where does most reabsorption occur?

18. Name four materials that the peritubular capillaries reabsorb.

19. Name three materials not reabsorbed.
20. What is secretion?
21. What materials get secreted?
22. Name five characteristics of urine used for a medical diagnosis.
23. Name two hormones that control the formation of urine. Explain their function.
23. Name and describe the four organs of your urinary system.
24. How is urine transported in the ureters?
25. What is the function of the bladder?
26. What is the function of the urethra? How many sphincters are there? What are their names?
27. Which sphincter do you have control over?
28. Name three differences between the male and female urethra. Discuss location, function, and length
29. What is micturition?