

CH. 18 REVIEW - THE URINARY SYSTEM

1. What are the basic organs of the urinary system?
2. What is the purpose of the urethra?
3. What is the purpose of the bladder? What type of epithelia lines it and why?
4. What is the purpose of the ureters? What causes urine NOT to flow backward up the ureters?
5. Specifically, where are the kidneys located? What is the peritoneum?
6. What are the basic functions of the urinary system?
7. What do the kidneys do for the urinary system?
8. What is uremia or uremic poisoning?
9. What are nephrons?
10. How many average nephrons are in the kidneys? _____
11. What is the Bowman's capsule?
12. What is the Glomerulus?
13. What are the 3 process of the kidneys?
14. What is filtration and where does it occur?

15. On average, how much glomerular filtrate is produced every day? What happens to most of it?
16. What is reabsorption and what substances tend to be reabsorbed?
17. How much water is reabsorbed?
18. What is glycosuria? What is it an indication of?
19. What is the general rule of thumb about the reuptake and secretion of salt in the body and urine?
20. What is secretion and what substances tend to be secreted from the body?
21. What does the antidiuretic hormone do? Where does it come from?
22. What does the hormone aldosterone do? Where does it come from?
23. What does the hormone atrial natriuretic hormone do? Where does it come from?
24. Describe the following abnormalities concerning urine amount.
 - Anuria –
 - Oliguria –
 - Polyuria –
25. What is urinalysis? What physical indicators do they look for in urine?
26. What would an extremely dark urine color be an indicator of?
27. What are casts and what are they an indicator for?

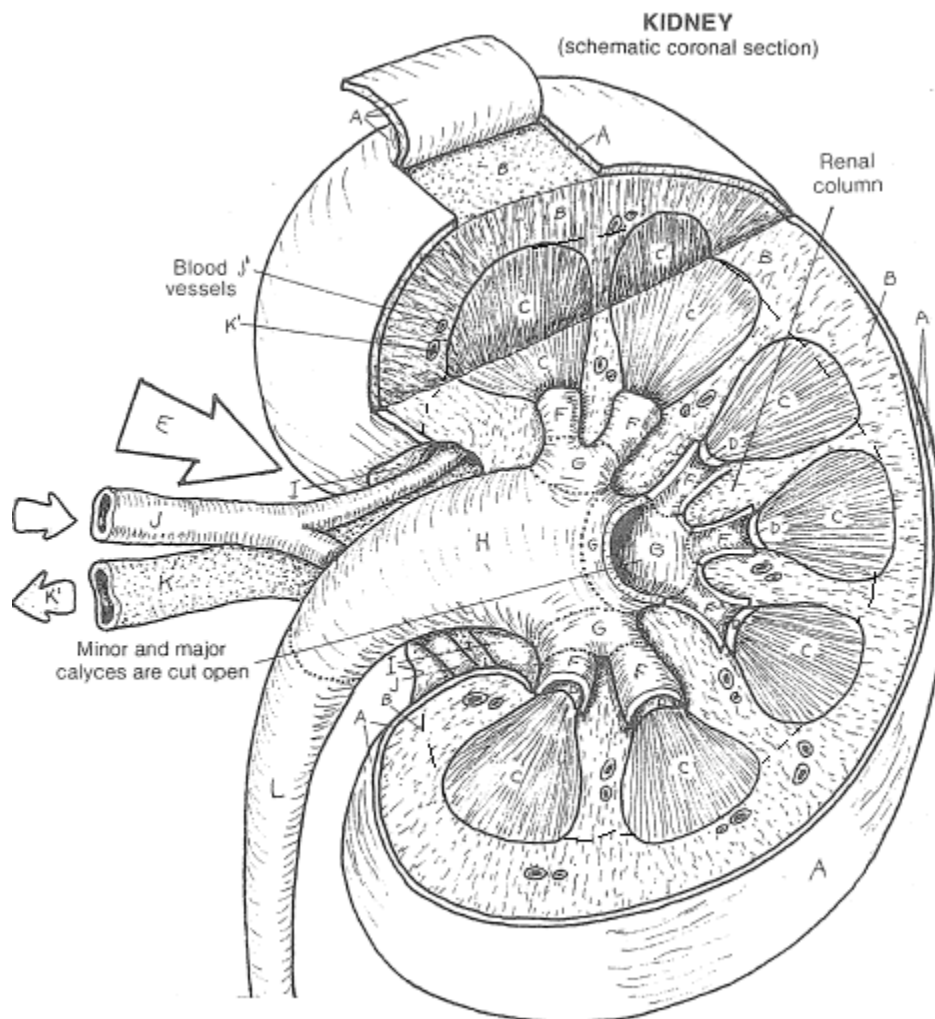
28. What is the difference between the female and male urethra?

29. What gland surrounds the male urethra? What is its function?

30. What are 3 causes of micturition reflex problems?

31. What is polycystic kidney disease?

Label:



The 2 Types of Nephrons

