

## Greatest Discoveries with Bill Nye-Medicine (DVD 610 Medicine)

1. In ancient Greece, what were treatments based on? \_\_\_\_\_
2. During which time period was the “science of human anatomy born”? \_\_\_\_\_
3. The first book on human anatomy was published in the year \_\_\_\_\_.
4. The human heart is about the size of a \_\_\_\_\_.
5. How many times does your heart beat in a day? \_\_\_\_\_
6. During which century was it discovered, by William Harvey, that blood circulated? \_\_\_\_\_
7. In the US, one blood transfusion occurs once every \_\_\_\_\_ seconds.
8. What were the first two chemicals used for anesthesia?
9. The first anesthetized surgery occurred on October 16, \_\_\_\_\_.
10. How did the “x” in “x-ray” come about?
11. What was the difference between the two wards of the Vienna General Hospital and the occurrence of child bed fever?
12. What infectious diseases did Louie Pasteur’s children die of? \_\_\_\_\_
13. What industry did Pasteur first work in to eradicate germs? \_\_\_\_\_
14. Who proposed the Germ Theory? \_\_\_\_\_
15. What is the ONE central idea in the Germ Theory?
16. Why were farmers not affected by smallpox?

17. Describe the first vaccination ever administered to a human.
18. How was scurvy in sailors prevented?
19. How was beriberi prevented?
20. What caused most deaths during World War I? \_\_\_\_\_
21. What organism is penicillin derived from? \_\_\_\_\_
22. What drug was invented during World War II to fight dysentery?
23. What year was the first insulin injected into a human? \_\_\_\_\_
24. True or false It is impossible for a virus to can cause cancer. \_\_\_\_\_
25. When did HIV emerge in the population? \_\_\_\_\_
26. What does AIDS stand for?
27. What is unique about retroviruses?
28. Are antiviral medicines effective treatments?