

# Bacteria and Viruses Study Guide

4 pages + 4-page Answer KEY

## BACTERIA AND VIRUSES STUDY GUIDE

1. Bacteria and viruses are both \_\_\_\_\_.  
Explain why or how they are different in structure or function (both organisms).
2. Draw and label the three shapes of bacteria.

3. Name 2 types of antibiotics.
4. Antibiotics often inhibit what type of reproduction?
5. Why does your body (and the rest of your body) consider viruses to be non-self?
6. Why is whether a virus is living or non-living a difficult question to answer?
7. Where is the capsid of a virus located?
8. What is a retrovirus?
9. Typical viruses have 2 parts. What are they?
10. What is the difference between the lytic and lysogenic cycles in viruses?

# ANSWER KEY INCLUDED

## Biology

11. Use the illustration below to help you with the following questions.



12. The virus shown is what type of virus? \_\_\_\_\_
13. The organism the virus is attacking is a bacterial cell. How can you tell?
14. The part of the drawing labeled 'a' is the \_\_\_\_\_.
15. The part of the drawing labeled 'b' is the \_\_\_\_\_.
16. Name 3 different viruses.
17. How does HIV cause AIDS?
18. Name 2 types of viruses that cause cancer.
19. Name 2 types of viruses that cause disease.



# Biology Viruses And Bacteria Study Guide

**YCT Expert Team**



## **Biology Viruses And Bacteria Study Guide:**

Life: The Science of Biology Study Guide William K. Purves, Edward Dzialowski, Lindsay Goodloe, Betty McGuire, Nancy Guild, Paula Mabee, 2003-12-26 New edition of a text presenting underlying concepts and showing their relevance to medical agricultural and environmental issues Seven chapters discuss the cell information and heredity evolutionary process the evolution of diversity the biology of flowering plants and of animals and ecology and biogeography Topics are linked by themes such as evolution the experimental foundations of knowledge the flow of energy in the living world the application and influence of molecular techniques and human health considerations Includes a CD ROM which covers some of the subject matter and introduces and illustrates 1 700 plus key terms and concepts Annotation copyrighted by Book News Inc Portland OR

Life Study Guide David E. Sadava, Gordon H. Orians, Craig Heller, William K. Purves, 2006-12-22 Especially helpful for AP Biology students each chapter of the study guide offers a variety of study and review tools The contents of each chapter are broken down into both a detailed review of the Important Concepts covered and a boiled down Big Picture snapshot The guide also covers study strategies common problem areas and provides a set of study questions both multiple choice and short answer

**Study Guide for 31840 - Biology-First Edition** Neil A. Campbell, 1987 **2024-25**

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