

Biology Study Guide

Chapter 10 – Bacteria and Viruses

1. Study any Quizlets made for chapter 10.
2. What were Jenner, Iwanoski, Koch, and Ricketts contributions to science?
3. What pathogen causes:
 - AIDS
 - Lyme's disease
 - Typhus fever
 - Rocky Mt. Spotted fever
 - Botulism
 - Cold sores
4. Explain the Lytic Cycle
5. Explain the methods for genetic variation in bacteria.
6. How are communicable diseases spread?
7. Identify the three bacterial shapes by description and pictures.
8. What are the conditions that bacteria require for proper growth?
9. What has bacteria been used for?
10. What is the main difference between Eubacteria and Archaeobacteria?
11. Know/Apply the following terms:
 - Aerobic respiration
 - Anaerobic respiration
 - Antibiotics
 - Antibody
 - Autotrophs
 - Benign tumor
 - Binary fission
 - Botulism
 - Canning
 - Capsule
 - Chemosynthetic
 - Dehydration
 - Endospores
 - Flagellum
 - Gerontology
 - Gram's stain
 - Immune carrier
 - Incubation period
 - Leprosy
 - Lysozyme
 - Lytic cycle
 - Malignant tumor
 - Nonspecific defenses
 - Parasitic bacterium
 - Pathogen
 - Photosynthetic
 - Pickling
 - Preserves/jellies
 - Rabies
 - Radiation
 - Refrigeration
 - Retrovirus
 - Reverse transcriptase
 - Saprophytic bacterium
 - Smallpox
 - Typhoid fever
 - Vector
 - Virulence

