

Module 13 Quiz: Pathogens

Name: _____ Date: _____

Part A: Multiple Choice (7 points)

Choose the best answer for each question. (1 point each)

1. Which type of pathogen is NOT considered living?
2. A) Bacteria
3. B) Fungi
4. C) Viruses
5. D) Protozoa
6. Antibiotics are effective against:
7. A) Viruses
8. B) Bacteria
9. C) Prions
10. D) All pathogens
11. The body's first line of defense includes:
12. A) White blood cells
13. B) Antibodies
14. C) Skin and mucous membranes
15. D) Fever
16. The viral life cycle that immediately destroys the host cell is the:
17. A) Lysogenic cycle
18. B) Lytic cycle

- 19. C) Dormant cycle
- 20. D) Replication cycle
- 21. Which pathogen causes diseases like athlete's foot?
- 22. A) Bacteria
- 23. B) Virus
- 24. C) Fungus
- 25. D) Prion
- 26. Antibiotic resistance develops because:
- 27. A) Antibiotics become weaker
- 28. B) Resistant bacteria survive and reproduce
- 29. C) Viruses transfer resistance
- 30. D) The immune system weakens
- 31. Prions cause disease by:
- 32. A) Injecting DNA into cells
- 33. B) Causing proteins to misfold
- 34. C) Releasing toxins
- 35. D) Direct cell invasion

Part B: Free Response (3 points)

Answer each question in complete sentences.

1. (1 point) Compare the five main types of pathogens (bacteria, viruses, fungi, parasites, prions).

1. (1 point) Explain why antibiotics are not effective against viral infections.

1. (1 point) Describe the inflammatory response and its purpose.
