

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

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