

## The Hot Zone By Richard Preston

Please read the book! Then, copy the following questions and answer on a separate paper:

1. As of page 13, list three possible sources of infection from the cave.
2. List the symptoms, feelings, and progression of the disease as it struck Moore. Draw a picture of this patient.
3. Why don't antibiotics work on viruses?
4. How does the ease of plane travel make us more susceptible to infection?
5. Connective tissue is one of four types of tissue in our bodies.
6. What are the other three?
7. Are viruses living or non-living? Use the characteristics of living things to justify your answer.
8. How are viruses classified? What are the viruses written about in The Hot Zone? How are they classified?
9. How are viruses named? Give some examples—What was the origin of the Marburg virus?
10. What aren't all viruses as deadly as Marburg and Ebola?
11. How is Marburg similar to Rabies?
12. Why do viruses typically affect only one or a few species?
13. What is it about the life cycle of viruses that allows them to evolve rapidly and "jump" to a different host species?
14. What does the book say are the three standard ways to "stop" a virus?
15. The book describes several places where virus outbreaks have taken place around the world. Where are these places and how might all be connected?
16. What conditions may have facilitated the jump of the virus responsible for AIDS to humans near Lake Victoria?
17. A comment is made in the book that every major city in the world is only 24 hours away from exposure to an emerging virus. Reference is made to a network that links all of the cities of the world. What is the author referring to?
18. What is the significance of the cave that Ernest visited? Is it the source of Ebola? Explain.
19. Should blood samples be dropped around the world for the study of infectious diseases? Why or why not? Give an example from the book that might have had the potential to be disastrous in terms of exposure to a hot agent.
20. Compare Frantig's symptoms with Moore, Marston, and Peter Cardinal. Given Dolgend's fears and what you know by now, what would you have said to Frantig?
21. Describe the roles played by the following people in The Hot Zone, and explain, in your opinion, whether or not they acted responsibly.
  - a. Dan Dolgend (head of the Monkey Quarantine Facility)
  - b. C. J. Peters (Director of CDC/MSD)
  - c. Henry Lane (intermediary with cult; palm oilseed he mentioned he wanted to leave to)

# Hot Zone Study Guide Answers

**Ying-Ying Zheng**

A red circular graphic with a gradient, appearing as a partial circle or a thick arc, located to the right of the author's name.

## **Hot Zone Study Guide Answers:**

## Embracing the Beat of Expression: An Mental Symphony within **Hot Zone Study Guide Answers**

In a global used by monitors and the ceaseless chatter of instantaneous interaction, the melodic elegance and psychological symphony produced by the published term often diminish into the background, eclipsed by the relentless noise and disturbances that permeate our lives. However, set within the pages of **Hot Zone Study Guide Answers** a marvelous fictional value full of raw emotions, lies an immersive symphony waiting to be embraced. Constructed by an outstanding musician of language, that interesting masterpiece conducts readers on a mental trip, skillfully unraveling the hidden melodies and profound impact resonating within each carefully crafted phrase. Within the depths of the moving evaluation, we will investigate the book is key harmonies, analyze their enthralling writing style, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

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