Blue Yellow Green Red Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The Hot Zone by Richard Preston

*Something in the Forest*, pp. 3-16

1. On the map of Africa label (Kenya, Mt. Elgon, trace the route of the Kinshasa Highway, Lake Victoria, the town of Eldoret, Uganda, Sudan, Mombasa, Kisumu, & Nairobi)

2. In the box provided draw a picture of a weaver bird and their baglike nest as described on p. 5. In addition draw a picture of the Pied Crow. (HINT: google weaver bird, search images, and after drawing use colored pencils to shade the bird and the baglike nest). P. 5

Pied Crow

Weaver Bird w/ Baglike Nest

3. How old is Mt. Elgon? How did Mt. Elgon destroy its surroundings? Why are the trees around Mt. Elgon being cut down? P. 8

4. Approximately how many elephants can fit inside of Kitum Cave? Why do these elephants enter into this cave? What other animal reside in Kitum Cave? HINT: (go to youtube.com and type Kitum Cave in Mt. Elgon National Park 8:35 view video) P. 11

5. What was the result of Charles Monet visiting Kitum Cave on New Year’s in 1980?

6. Describe the symptoms Charles Monet exhibited following his visit to Kitum Cave. pp. 14-15.

7. What is the net? What is the likelihood of a hot virus from the rainforest entering the web/net? How long would this process take? P. 16

Study and Guided Questions created by Mr. M. Washington/Inman Middle School, APS

Blue Yellow Green Red Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The Hot Zone by Richard Preston

*Something in the Forest*, Continued pp. 16-24

8. According to military experts, what is extreme amplification? What evidence proved Charles Monet experienced extreme amplification? P. 18

9. Define depersonalization.

10. Jomo Kenyatta International Airport is located in which Kenyan city? Who was Jomo Kenyattat? HINT: not found in the text. P. 21

11. Explain what happens to Charles Monet. P. 24

*Jumper*, pp. 25-32

1. Why did Dr. Musoke abandon the idea of giving Monet a blood transfusion? P. 28

2. What was the cause of death?

3. Dr. Musoke looked into the mirror and noticed his eyes were turning red. What did he think was wrong with him? Pp. 29-30

4. Define jaundice.

5. What happened to Dr. Musoke after doctors closed him up as quickly as they could?

*Diagnosis*, pp. 33-47

1. Who is David Silverstein? Who is Daniel arap Moi? P. 33

2. What virus was found in Dr. Musoke’s blood? Describe the virus and it’s origin. Pp. 34-35

3. What is a ***filovirus***? P. 37

4. Which is the worst of the filovirus “sisters”? What is the kill rate in humans? P. 38

5. Describe the information provided by “Mr. Jones” concerning the Marburg virus and how it affects humans. P. 38

6. What is one general theory for the origin of AIDS? P. 45

7. What was the outcome for Dr. Musoke?

*A Woman and a Soldier*, pp. 48-55

Make a list of the names and type of pets in the Jaax household.

Define coagulate.

What happened to Major Nancy Jaaxs’ hand?

*Project Ebola*, pp. 56-75

Define cupola.

Define grackle.

What is the mission of USAMRID?

Why did Nancy Jaax have to dissect the monkey right away?

Where did the name Ebola come from?

How long would it take for an airborne strain of Ebola to circle around the world?

How is Ebola and AIDS the same? How are they different? P. 66

Why were the brown rubber gloves so important?

*Total Immersion*, pp. 76-94

What were the “controlled monkeys”? p. 77

Define sticky tape. P. 78

Explain “diseases have their own diseases” from p. 84.

The text stated a pinhole in a glove may not be visible to the eye. But a droplet of blood could slip through a pinhole. How many Ebola-virus particles can be found in a droplet of blood?

All in all, which monkeys survived the experiment? What happened two weeks later? How had the Ebola Virus traveled? P. 93

# Reading Section III Pages 157-282

## PART II: “THE MONKEY HOUSE”

1. What kinds of monkeys were kept at the Reston Monkey House?
2. How many monkeys out of the original shipment did Bill Volt count as dead within one month’s time?
3. Who is Dan Delgard?
4. Describe the deaths of the monkeys.

### Into Level 3

1. Who is Peter Jahrling?
2. How did Delgard ship the results of the monkey autopsy to Jahrling?