

## Science 9: Silence of the Frogs Assignment

Total: /27

After viewing the Jeff Corbin documentary “The Vanishing Frog” read the newspaper article provided and textbook pages 10-13 use the information in the readings and the video to answer the following questions.

Please put your answers on a **separate sheet of paper** to be **passed in once complete**.

1. Textbook questions pg 13 #1-4a
2. What is the name of the fungus that is devastating frog populations worldwide?
3. Where has this deadly fungus been found recently in the US?
4. How did the African clawed frogs from Africa infected with the fungus get into North America? What were these frogs being used for in North America?
5. Are frogs the only amphibians affected by the fungus?
6. Explain briefly what this fungus does to the frogs. What are the frog’s symptoms?
7. What is being used to treat frogs affected by this deadly fungus?
8. How many frog species worldwide have disappeared because of chytrid? What percent of the entire frog species is this?
9. Why is it important to protect frogs and other amphibians?
10. What is meant by the quotation “They’re also the planet’s canary in the coal mine”?
11. When was chytridomycosis first seen as a problem?
12. Why is skin particularly critical in amphibians?
13. Relate the documentary, the newspaper article and the reading in the textbook to each other. Compare and contrast the two.