

# CONTENTS

---

Chapter 1: Supplemental Questions.....	4
Chapter 2: Supplemental Questions.....	5
Chapter 3: Supplemental Questions.....	7
Chapter 1-3 Review.....	9
Chapter 4: Supplemental Questions.....	11
Chapter 5: Supplemental Questions.....	13
Chapter 6: Supplemental Questions.....	15
Chapter 7: Supplemental Questions.....	17
Chapter 4-7 Review.....	19
Chapter 8: Supplemental Questions.....	21
Chapter 9: Supplemental Questions.....	23
Chapter 10: Supplemental Questions.....	25
Chapter 11: Supplemental Questions.....	27
Chapter 8-11 Review.....	29
Chapter 12: Supplemental Questions.....	31
Chapter 13: Supplemental Questions.....	33
Chapter 14: Supplemental Questions.....	35
Chapter 12-14 Review.....	37

# CHAPTER 1: Supplemental Questions

---

1. What can plants do that animals cannot?

---

---

2. What organisms are in kingdom fungi?

---

---

3. Where is the main body of the mushroom located? \_\_\_\_\_

What is it called? \_\_\_\_\_

How large can it grow? \_\_\_\_\_

4. What are spores?

---

---

5. What important function in nature do mushrooms serve?

---

---

---

6. What did Louis Pasteur discover about yeast?

---

---

---

7. What caused the juice to sour?

---

---

---

8. Why is mold a greater problem in Louisiana than in Minnesota?

---

---

---

9. Where can molds be useful?

---

---

10. Who discovered penicillin? \_\_\_\_\_

## CHAPTER 2: Supplemental Questions

---

1. Who were the first scientists to see tiny life?

---

---

2. With a magnification of 270 times, Leeuwenhoek was able to glimpse a new category of small life, which included rod-like, ball-like, and corkscrew objects. What was this new category of life?

---

3. Describe the following organisms:

Paramecium: \_\_\_\_\_

---

Amoeba: \_\_\_\_\_

---

Euglena: \_\_\_\_\_

---

4. Name two protozoa that cause disease. \_\_\_\_\_

5. What is symbiosis? Give an example from Chapter 2.

---

---

---

---

6. What are diatoms? \_\_\_\_\_

7. What are diatom shells made of? \_\_\_\_\_

What are they used for? \_\_\_\_\_

8. How do algae benefit the atmosphere?

---

---

9. Algae have chlorophyll and make their own food. Why don't biologists classify them with plants?

---

---

10. What characteristic is shared by all members of kingdom Protista?

---

---

11. Name the five kingdoms.

---

---

12. How do bacteria differ from Protista?

---

13. What does *anaerobic* mean?

---

14. Some bacteria are harmful because \_\_\_\_\_.

15. Nitrogen-fixing bacteria are beneficial because they \_\_\_\_\_.

---

16. Bacteria \_\_\_\_\_ the decay of dead organic material.

17. Non-living genetic material that only comes alive inside a living cell is a \_\_\_\_\_.

18. Can viruses be seen with an ordinary optical microscope? \_\_\_\_\_

What is required? \_\_\_\_\_