Chapter 13 Study Guide-ANSWER ON A SEPARATE SHEET OF PAPER

1. Study and know ALL chapter vocabulary (page 449)
2. How does photosynthesis benefit heterotrophs?
3. What plant pigment captures sunlight?
4. What is cellular respiration?
5. How does lactic acid fermentation occur?
6. How do consumers get nitrogen?
7. How does carbon dioxide enter a plant?
8. How are photosynthesis and cellular respiration related?
9. What process do all living things depend on and why?
10. What is alcoholic fermentation?
11. What gas does cellular respiration use? Photosynthesis?
12. What are the materials that go into cellular respiration and what are the materials that come out of cellular respiration?
13. What is needed for photosynthesis? What are the products of photosynthesis?
14. What is not totally used up during photosynthesis?
15. What are the steps in the water cycle?
16. In the nitrogen cycle, where is the nitrogen that can be used by plants?
17. In the nitrogen cycle, which organisms make the nitrogen usable?
18. In the nitrogen cycle, which organisms break down the waste?
19. How do we depend on the sun for energy?
20. When I eat a salad, how am I part of the carbon and oxygen cycle?

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