

NAME:

PERIOD:

DATE:

Cell Processes: the Basics

Answer all questions as best you can. Use your notes. Be specific. Be scientific.

1. The purpose of **photosynthesis** is...

- A. to break down food to get energy B. to make food from non-food materials

2. Who can do **photosynthesis**?

- A. consumers B. producers C. both A & B

3. What are the starting materials of **photosynthesis**?

- A. carbon dioxide, energy, water B. food (glucose) and oxygen C. food (glucose)

4. What are the waste products of **photosynthesis**?

- A. carbon dioxide, water B. oxygen C. carbon dioxide and something "bad"

5. The purpose of **cellular respiration** is...

- A. to break down food to get energy B. to make food from non-food materials

6. Who can do **cellular respiration**?

- A. consumers B. producers C. both A & B

7. What are the starting materials of **cellular respiration**?

- A. carbon dioxide, energy, water B. food (glucose) and oxygen C. food (glucose)

8. What are the waste products of **cellular respiration**?

- A. carbon dioxide, water B. oxygen C. carbon dioxide and something "bad"

9. The purpose of **fermentation** is...

- A. to break down food to get energy B. to make food from non-food materials

10. Who can do **fermentation**?

- A. consumers B. producers C. both A & B

11. What are the starting materials of **fermentation**?

- A. carbon dioxide, energy, water B. food (glucose) and oxygen C. food (glucose)

12. What are the waste products of **fermentation**?

- A. carbon dioxide, water B. oxygen C. carbon dioxide and something "bad"

13. If it wasn't for _____ producers could not make food for the world.

- A. cellular respiration B. fermentation C. photosynthesis

14. When you are out of oxygen, but you still need energy, that's when _____ kicks in.

- A. cellular respiration B. fermentation C. photosynthesis

15. Normally, the bodies of organisms use _____ to break down their food for energy.

- A. cellular respiration B. fermentation C. photosynthesis

16. A baker puts yeast in the bread so that _____ makes the bread rise.

- A. cellular respiration B. fermentation C. photosynthesis

