

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

# Environmental Science Study Guide

## Food and Agriculture

### Vocabulary

*Understand and be able to apply each of these terms.*

1. Undernutrition –
2. Malnutrition –
3. Carbohydrates –
4. Proteins –
5. Lipids –
6. Anemia –
7. Famine –
8. Battery-Cage Egg Production –
9. High-Density Floor Containment –
10. Cage free -
11. Federal Humane Slaughter Act –
12. Pastured –
13. Organic –
14. Kosher / Halal –
15. Yield –
16. Efficiency –
17. Arable Land –
18. Soil –
  - a. Surface Litter –
  - b. Topsoil –
  - c. Subsoil –
  - d. Bedrock –

19. Desertification –

20. Erosion –

- a. Sheet –
- b. Rill –
- c. Gully –
- d. Streambank –

21. Contour Plowing –

22. Strip Farming –

23. Terracing –

24. Fertilizer –

25. Pesticides –

26. GMO –

### **Critical Thinking**

*Be able to read, analyze, and give complete answers to questions like these.*

1. What is the minimum number of calories needed for survival?
2. What are the three major food staples?
3. What is the main protein source in coastal and island countries?
4. What country has the highest rate of overnutrition?
5. What causes anemia?
6. What are the main causes of famine?
7. What are the risks associated with farming practices such as high density outdoor feed lots for cattle or battery cages for chickens?
8. Why are plants a more efficient crop than animals?
9. What is an example of a GMO?