Name_	 Class	 Date	
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Skills Worksheet

Study Guide - Ch 15

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MATCHING			
In the space provided, write the letter of the term or phrase	that best matches the description.		
1. crop is harvested without turning over the soil	a. green revolution		
2. causes resistance to pesticides	b. overuse of land c. fertile soil		
3. almost entirely a result of poverty	d. high pesticide use		
4. desirable traits transferred	e. integrated pest management		
5. used to transfer desirable traits	f. no-till farming g. accumulation of salts		
6. soil that can support the growth of healthy plant	<u> </u>		
7. characterized by new crop varieties, increased y	rields i. overharvesting		
8. the goal is to minimize economic damage from	j. malnutrition pests		
9. results in depleted fish populations			
10. salinization			
MULTIPLE CHOICE			
In the space provided, write the letter of the term or phrase statement or best answers each question.	that best completes each		
11. A given plot of land can produce more food who used to raise animals because a. 1 Cal animal protein requires 10 Cal from pla b. one-tenth of a plant's mass can be used as foo c. plants provide more nutrients per gram. d. Both (a) and (b)	ints.		
 12.The green revolution depended on a. new biodegradable pesticides. b. high-yielding grain varieties. 	c. clearing forest for crop land. d. organic fertilizers.		
13. Most of the living organ-isms in fertile soil are fa. the surface litter and topsoil.b. the leaching zone.	Cound in c. the subsoil. d. the bedrock.		

 14. Erosion is a danger whenever the soil a. bare and exposed to wind and rain b. plowed along the con-tour of the least covered with grass. d. covered by forest. 	ı .
15. The development of pesticide resistanta. malnutrition.b. persistence.	nce is an example of c. pest control. d. evolution.
 16. All of the following describe typical a. amino acid deficiency. b. insufficient variety of foods. c. diet of mostly vegetables and grain d. low Calorie consumption. 	
17. Livestock in developing countries proa. manure.b. eggs and meat.	c. leather and wool. d. All of the above
a. maintain tolerable pest levels. b. reduce all insects to low levels. c. leave non-pest species unharmed. d. boost plants' natural defenses.	the following except
19. Plowing with machines, irrigating wi agricultural methods. a. using manure b. applying chemical fertilizers 20. Earth's available arable land is being	c. irrigating with ditchesd. Both (a) and (b)
a. fast-growing human populations.b. soil erosion.c. desertification.d. All of the above	
21. All of these contribute to famine excea. crop failure.b. green revolution.	c. unequal distribution of food. d. drought.
22. Almost of the seafood consaquaculture. a. one-half b. one-third	sumed in the world is produced through c. one-fourth d. three-fourths

CHAPTER 15 Review

Reviewing Key Terms

Use each of the following terms in a separate sentence.

- 1. overharvesting
- 2. erosion
- 3. linestock
- 4. yield
- 5. genetic engineering

For each pair of terms, explain how the meanings of the terms differ.

- 6. pesticide and biological pest control
- 7. compost and topsoil
- 8. livestock and ruminant
- 9. malnustrition and famine
- 10. salinization and desertification
- Concept Map Use the following terms to execte
 a concept map contour ploating no till farming
 organic farming careful irrigation, soil erosion,
 nutrient depletion, and salinization.

Reviewing Main Ideas

- 12. Malnutrition can be caused by
 - a. a lack of enough Calories.
 - b. a lack of carbohydrates.
 - C. a lack of essential amino acids
 - d. all of the above
- 13. Humans need which of the following nutrients?
 - carbohydrates and minerals
 - b. lipids and vitamins
 - C. proteins
 - d. all of the above
- 14. Which of the following is not one the six most produced foods worldwide each year?
 - a. potatoes
 - b. beef
 - C. rice
 - d. wheat

- 15. Which of the following statements about human diets in all parts of the world is true?
 - a. Most people eat pork
 - b. An adequate diet includes carbohydrates, proteins, and fats.
 - C. Most people do not have protein in their diets.
 - d. Most people are obese.
- 16. Malnutrition is largely a result of
 - a. war.
 - b. soil erosion.
 - C. poverty.
 - d. salinization.
- 17. Which of the following is not found in fertile soil?
 - rock particles
 - b. worms
 - C. high concentrations of salts
 - d. high concentrations of organic matter
- 18. Which of the following is not a soil conservation method?
 - a. contour plotting
 - b. salinization
 - C. no-till farming
 - d. terracing
- 19. Which of the following statements is a disadvantage of using chemical pesticides?
 - Pesticides can pollute waterways.
 - b. Pests evolve resistance to pesticides.
 - C. Pesticides kill beneficial insects.
 - d. All of the above.
- 20. How do pesticides that regulate growth work?
 - a. They kill fleas.
 - b. They disrupt the pest's life cycle.
 - C. They attract predators of the pest.
 - d. They prevent the pest from attacking the plant by poisoning its nervous system.