

Name: _____

AP Human Geography

Rubenstein Chapter 10: Food and Agriculture Guided Reading Questions

Key Issue #1

1. What does cultivate mean?
2. What percentage of people in less developed countries are farmers?
3. What percentage of people in the United States are farmers?
4. When did the agricultural revolution occur?
5. What evidence points to an agricultural population?
6. What environmental factor may have led to the agricultural revolution?
7. What was the most important agricultural contribution of Latin America?
8. What are three main features that distinguish commercial agriculture from subsistence agriculture?
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9. About how many farms are in the United States today?
10. How have transportation improvement effected the farming industry?
11. What percentage of Portugal's labor force is engaged in agriculture?
12. What percentage of China's labor force is engaged in agriculture?
13. Give two examples of how farmers use GPS or remote sensing.
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14. How much produce are largest 5% of farms in the United States responsible for?
15. What African country has the lowest area of farmland per tractor?
16. What South American country has the highest are of farmland per tractor?

Key Issue #2

17. What are the farming habits of the most "typical" human?
18. What is the unit of measurement of dietary energy in the United States?
19. Where do most humans get most of their kilocalories?

20. What are the three leading cereal grains?

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21. What is the principle cereal grain consumed in North America and Europe?

22. What is the principle cereal grain consumed in East, South, and Southeast Asia?

23. What is the leading crop in the world?

24. What is the primary purpose of maize (corn)?

25. What is the leading source of dietary energy in Venezuela?

26. What is the leading food energy source in Madagascar?

27. What is the leading source of protein in India?

28. What Asian country has the highest meat consumption?

29. What ratio of the world's inhabitants do not have food security?

30. What is the average daily calorie consumption in the United States?

31. What country has the highest number of undernourished people?

32. If the worldwide total number of undernourished people has not changed much in several decades, why has the percentage of undernourished people decreased over that same time period?

33. What Central American country has the lowest calorie consumption?

34. What percentage of income is spent on food in the Ukraine?

35. What South American country has the highest undernourishment rate?

36. How do undernourishment rates in Saudi Arabia compare to those of the U.S.?

Key Issue #3

37. Using the climate regions map, what is the climate of Utah?

38. Using the agriculture map, what are the two major agricultural practices of Utah?

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39. What does the word *pastoral* refer to?

40. How many people in the world are pastoral nomads?

41. What is the most highly desired animal in North Africa and Southwest Asia?

42. How many people worldwide practice shifting cultivation?

43. What is a fallow field?
44. What is Asia's most important source of food?
45. Why weren't the agricultural communes in communist China as effective as predicted?
46. Where are most plantations located?
47. What percentage of the U.S. labor force works in food production or services related to agribusiness?
48. What is the most important mixed crop and livestock region of the United States often referred to as?
49. How does crop rotation differ from shifting cultivation?
50. What is straw?
51. What does the "truck" in Truck Farming mean?
52. What country is the world's largest milk producer?
53. How do commercial grain farms differ from mixed crop and livestock farming?

54. What country is the world's largest wheat producer?

55. What is the world's leading export crop?

56. Where is the world's "breadbasket"?

57. What are the two most important cash crops in the lands bordering the Mediterranean?

58. What new technology all but ended large scale cattle drives during the late 1800's?

59. What country is the world's leading meat producer?

60. How does ranching differ from pastoral nomadism?

Key Issue #4

61. How were Asian Carp introduced into the United States?

62. What is the major fear of Asian Carp entering the Great Lakes?

63. What is the purpose of commercial farming?

64. Who wrote *The Isolated State*?

65. Why are dairy products in Thünen's first ring?

66. Why was lumber in Thünen's second ring?
67. What two countries are the world leaders in agriculture exports?
68. What country is the world's leader in agriculture imports?
69. What country is the world's leading exporter of grain?
70. Why is the percentage of agriculture exports in the U.S. declining?
71. What percentage of the world's land area is currently cultivated?
72. What is one theory as to the collapse of Mesopotamia?
73. What percentage of calories consumed by humans is made up from fish/seafood?
74. What country is responsible for the highest yield of aquaculture?
75. What is the most important fertilizer?
76. What country is the world's leader in organic agriculture?