Chapter 11 Study Guide

1. What type of manufacturing does the cottage industry involve?
2. Where did the Industrial Revolution start?
3. In the 1700s, water pollution increased significantly when the chemical industry began to contribute to the textile industry though methods of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. What was the most important transportation improvement in the 18th century?
5. Approximately three-fourths of the world’s industrial production is concentrated in what three regions?
6. Where are Western Europe’s principal industrial areas?
7. What was the main source of power for steam engines and blast ovens?
8. What mining region has the most varied mineral deposits of the world, with over 1,000 minerals?
9. What is the only step of the copper production process tat is not significantly bulk-reducing?
10. Where is the world’s chief source for copper?
11. A copper concentration mill tends to be located near a copper mine because it is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
12. Define situation costs
13. Describe the contributing factors in selecting a plant location for automobiles.
14. What is Beer Bottling an example of?
15. Why did Eastern North America become the continent’s manufacturing center?
16. Why did Chicago become a significant asset for the Western Great Lakes steel industries? (2 reasons)
17. Where have New U.S. automobile assembly plants been primarily built? Why are they built there?
18. What are minimills? Why are they more common than integrated steel mills in select locations? What percent of U.S. steel production comes from minimills?
19. A company which uses more than one \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will often locate near break-of-bulk points.
20. Identify the problems Japan had to overcome to become a global industrial power.
21. What is the lowest-cost form of transporting goods over very long distances?
22. Describe the process of containerization.
23. How much do factory laborers earn in MDCs and LDCs?
24. What will happen to a country’s per capita carbon dioxide emissions as the country’s per capita income increases? Why?
25. How much has the average temperature of the Earth’s surface increased since 1880?
26. Where are aluminum manufacturers more likely to be located?
27. Explain the Tennessee Valley Authority.
28. Why has the U.S. Gulf Coast become an important industrial area despite the risks to the environment?
29. What country in Western Europe experienced the most rapid manufacturing growth since the late twentieth century?
30. Identify a difference between Europe and the United States in their interregional shifts of manufacturing.
31. Explain the “right-to-work” laws.
32. What are Mexico’s maquiladora plants?
33. Define vertical integration and outsourcing.
34. Compare/Contrast Fordist production and Post-Fordist production
35. Describe industry prior to the Industrial Revolution, where was it located geographically?
36. Outside of the three world regions where industry is concentrated, where are the next two largest industrial producing countries?
37. Why is a metal fabrication plant an example of a bulk-gaining industry?
38. Why did the U.S. steel industry move westward in the nineteenth century?