

Chapter 6 Review Questions + Problem Set

Directions- On loose-leaf paper, answer the following questions in well-written complete sentences. You do not need to write the question. Number each answer so the number corresponds the question that you have answered. **Only hand-written responses will be accepted. Typed or emailed copies will not be graded.**

Chapter 6 Review Questions

1. Summarize the story of population growth in China and the Chinese government's efforts to regulate it (Core Case Study).
2. List three factors that account for the rapid growth of the world's human population over the past 200 years.
3. Explain how this growth is unevenly distributed.
4. What five countries had the largest numbers of people in 2010?
5. What is the cultural carrying capacity?
6. Describe eight ways in which we have used technology to alter nature to meet our growing needs and wants.
7. Distinguish between crude birth rate and crude death rate.
8. List four variables that affect the population change of an area and write an equation showing how they are related.
9. What is fertility rate?
10. Distinguish between replacement-level fertility rate and total fertility rate (TFR).
11. Explain why reaching the replacement-level fertility rate will not stop global population growth until about 50 years have passed (assuming that death rates do not rise).
12. Describe what has happened since 1950 to total fertility rates in the world, in China, and in the United States.
13. Describe population growth in the United States and explain why it is high compared to those of most other more-developed countries and China. Is the United States over-populated? Explain.
14. List ten factors that can affect the birth rate and fertility rate of a country.
15. Define life expectancy and infant mortality rate and explain how they affect the population size of a country.
16. Why does the United States have a lower life expectancy and higher infant mortality rate than a number of other countries?
17. What is migration?
18. Describe immigration into the United States and the issues it raises.
19. What is the age structure of a population?
20. Explain how it affects population growth and economic growth.
21. Describe the American Baby Boom and some of the effects it has had on American culture.
22. What are some problems related to rapid population decline due to an aging population?
23. How has the AIDS epidemic affected that age structure of some countries in Africa?
24. What is the demographic transition and what are its four stages?
25. What factors could hinder some developing countries from making this transition?
26. What is family planning?
27. Describe the roles of reducing poverty, elevating the status of women, and family planning in slowing population growth.
28. Describe India's efforts to control their population growth.

Chapter 6 Problem Set

On loose-leaf paper, using the format modeled by your instructor, solve the following problems.
SHOW ALL OF YOUR WORK. MAKE IT LOOK BEAUTIFUL ☺

- 1) In 1855 the country of Industria had a population of 1.6 million. In that same year the crude birth rate was 43 per 1,000 and the crude death rate was 41 per 1,000. What was Industria's annual growth rate percentage in 1855?
- 2) In 1895 the country of Industria had a population of 2.5 million, with a crude birth rate of 37 (per 1,000) and a crude death rate of 12 per 1,000. What was Industria's annual growth rate percentage for 1895?
- 3) In 1950 the country of Industria had a crude birth rate of 22 per 1,000 and a death rate of 12 per 1,000 (CDR). What was the annual growth rate percentage of Industria in 1950?
- 4) In 1977 Industria's death rate was 10 per 1,000 (CDR) and the annual population growth had slowed to 0.4%. What was the birth rate in Industria in 1977?
- 5) 1895 the country of Industria had a population of 2.5 million.
 - a. Using Industria's annual growth rate percentage for 1895 (#2), how many years will it take for Industria's population to double? What year will it be?
 - b. What year will it be when Industria's population double twice?
 - c. Finally, what will the population be that year?