

Chapter 9 – Review Questions

Read Chapter 9 and answer the following questions on a separate sheet of paper.

ANSWERS MUST BE HANDWRITTEN! Typed responses will not be accepted.

1. Summarize one argument given by analysts who believe the world is overpopulated and one argument given by those who believe its not.
2. What three major factors help explain the rapid exponential population growth of the human species?
3. What four factors affect the size of the human population in a particular area? What are the *crude birth rate* and the *crude death rate*?
4. About how many people are added to the world's population each day and each year? How is the *annual rate of population change* calculated? What three countries have the world's largest populations?
5. What is fertility? Distinguish between *replacement-level fertility* and *total fertility* rate.
6. Explain why the world's population would keep growing for at least another fifty years even if the replacement-level rate of 2.1 was somehow reached globally tomorrow.
7. How have fertility rates and birth rates changed in the United States since 1910? How rapidly is the U.S. population growing?
8. List ten factors that affect birth rates and fertility rates.
9. List five reasons why the world's death rate has declined over the past hundred years.
10. Distinguish between *life expectancy* and *infant mortality* rate. Why is infant mortality the best measure of a society's quality of life? List three factors that keep the U.S. infant mortality rate higher than the rate in other comparable countries.
11. How many people are immigrating into the United States? List the major arguments for and against reducing U.S. immigration.
12. Draw the general shape of an age structure diagram for a country undergoing (a) rapid population growth, (b) slow population growth, (c) zero population growth, and (d) population decline.
13. What percentage of population is under age 15 in (a) the world (b) developed countries, and (c) developing countries? Explain how age structure diagrams can be used to make population and economic projections.
14. What are the benefits and potentially harmful effects of rapid population decline? What are some effects of population decline from a rise in death rates from AIDS?
15. What is *demographic transition*, and what are its four phases? What factors might keep many developing countries from making the demographic transition?
16. Explain why some analysts fear that some developing countries will not make the demographic transition?
17. What is *family planning*, and what are the advantages of using this approach to reduce the birth rate? Describe the success of family planning in slowing population growth in Bangladesh.
18. Explain how empowering women can help reduce birth rates, poverty, and environmental degradation.
19. Describe and compare the success China and the India have had in reducing their birth rates.
20. List five ways in which natural systems differ from human-dominated systems and briefly describe how they differ.
21. List eight potentially harmful ways in which humans modify natural ecosystems.
22. What are two major challenges we face in lessening the human impacts on natural systems?