

Chapter 1 Section Review Questions: Answers

Mid-Section Review p.5

1. The two main types of interactions that environmental scientists study are how we use resources and how our actions affect the environment. A geologist might study how mineral resources are mined and used while a biologist might study insect populations to see how pesticides affect the population.
2. The five major fields of study are biology, the study of living organisms; Earth science, the study of Earth's nonliving systems and the planet; physics, the study of matter and energy; chemistry, the study of chemicals and their interactions; and social sciences, the study of human populations.
3. Answers may vary. Environmental science is a complex field and many different sciences are needed to understand the interactions of different parts of the environment.
4. Environmental science is the study of how humans interact with the environment. Ecology is the study of how living things interact with each other and the nonliving environment.
5. Answers may vary. Students might suggest that regulations limiting logging in ancient Troy could have reduced soil erosion.

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1. Hunter-gatherers changed habitat to obtain food, introduced new plants to areas and in some areas overharvested plants and animals.
2. Sample answers: One effect of the agricultural revolution was the conversion of forest land into agricultural areas. This process removed the native plants and replaced them with crops and domesticated animals. The Industrial Revolution changed the environment by introducing pollution from industry and accelerating habitat destruction.
3. Environmental problems can be local, regional, or global based on the size of area they directly affect. A local problem may be a factory that releases air pollutants in a neighborhood. A regional problem might be contamination of a river that many cities depend on for drinking water. A global problem might be the releasing of green-house gases that contribute to global warming.
4. Sample answer: Food wastes are biodegradable pollutants.
5. Sample answer: Rates of population growth increased during the Industrial Revolution because of improvements in healthcare and increased food production.
6. Fossil fuels are considered nonrenewable resources because a human lifetime is the timeframe used to evaluate the replacement rate of resources. Fossil fuels take millions of years to form, and humans consume them much faster than they are formed.

Section 1 Review Environmental Science Answer

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Section 1 Review Environmental Science Answer:

This book delves into Section 1 Review Environmental Science Answer. Section 1 Review Environmental Science Answer is a vital topic that needs to be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Section 1 Review Environmental Science Answer, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Section 1 Review Environmental Science Answer
 - Chapter 2: Essential Elements of Section 1 Review Environmental Science Answer
 - Chapter 3: Section 1 Review Environmental Science Answer in Everyday Life
 - Chapter 4: Section 1 Review Environmental Science Answer in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, this book will provide an overview of Section 1 Review Environmental Science Answer. The first chapter will explore what Section 1 Review Environmental Science Answer is, why Section 1 Review Environmental Science Answer is vital, and how to effectively learn about Section 1 Review Environmental Science Answer.
 3. In chapter 2, the author will delve into the foundational concepts of Section 1 Review Environmental Science Answer. This chapter will elucidate the essential principles that must be understood to grasp Section 1 Review Environmental Science Answer in its entirety.
 4. In chapter 3, this book will examine the practical applications of Section 1 Review Environmental Science Answer in daily life. This chapter will showcase real-world examples of how Section 1 Review Environmental Science Answer can be effectively utilized in everyday scenarios.
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 6. In chapter 5, the author will draw a conclusion about Section 1 Review Environmental Science Answer. The final chapter will summarize the key points that have been discussed throughout the book.
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