

Unit 1 Exam Preview/ Review Sheet

<p>Introduction to Environmental Science</p> <ul style="list-style-type: none"> • Understanding Our Environment <ul style="list-style-type: none"> ○ What is Environmental Science ○ A Brief History of Conservation and Environmentalism ○ Current Conditions ○ Rich/Poor: A Divided World ○ Sustainable Development • Environmental Philosophy, Ethics, and Science <ul style="list-style-type: none"> ○ Environmental Ethics and Philosophy ○ Religious and Cultural Perspectives ○ Environmental Justice ○ Science as a Way of Knowing 	<ul style="list-style-type: none"> • Read Chapters 1 and 2. Complete Questions for Review and Questions for Critical Thinking for each chapter. • Review STF
--	--

Key terms:

Agricultural Revolution	Exponential Growth	Pollution	Slash and Burn cultivation
Biocentric Preservationism	Frontier Worldview	Potentially Renewable Resource	Solar Capital
Conservationist	GNP(GDP)	Pragmatic Conservationist	Subsistence Farming
Developing Countries	Hunter-gathers	Qualitative analysis	Sustainable Development
Doubling Time	Industrial Revolution	Quantitative analysis	Sustainable Society
Earth Capital	Linear Growth	Racial Antagonism	Sustainable System
Ecological footprint	Nonpoint Source	Recycle	Sustainable Yield
Ecosystem service	Nonrenewable Resource	Renewable Resource	Toxic colonialism
Environment	$P \times A \times T = I$	Reuse	Tragedy of the Commons
Environmental Degradation	Per Capita GNP	Shifting Cultivation	Utilitarian Conservationist
Environmental Science	Point Source Pollution		Wealth Gap

Major Concepts: (Things you must know and be able to apply to real world examples)

- What is environmental science all about? What do we study, where do the problems we study come from, and what is the fundamental basis for the discipline?
- Compare and contrast environmental problems of the past and present: ancient Greece through today.
- Factors associated with an ecological footprint.
- History of conservation and environmentalism, including specific types/ beliefs
- Develop an understanding of our resource availability and uses.
- Understand global wealth distribution and its connection to human impact on the environment and on each other.
- Understand the concept of sustainability.
- Understand the process of science/scientific method.