Essentials of Environmental Health 3rd edition Friis Test Bank

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Multiple Choice

1. According to *Healthy People 2020*, which of the following is *not* an environmental objective for outdoor air quality?
A. Reducing the number of days the AQI exceeds 100, weighted by population and AQI
B. Increasing use of alternative modes of transportation for work
C. Reducing air toxic emissions to decrease the risk of adverse health effects
D. Increasing the production of clean coal as an energy source
E. Reducing the number of days the AQI exceeds 100, weighted by population and AQI; increasing use of alternative modes of transportation for work; and reducing air toxic emissions to decrease the risk of adverse health effects

Answer: D
Complexity: Easy
Ahead: Definitions Used in the Environmental Health Field
Subject: Chapter 1
Title: Introduction: The Environment At Risk

2. Which of the following outcomes is *not* usually associated with world population growth?
A. Prosperity
B. Pollution
C. Poverty
D. Urban crowding
E. Increases in infectious diseases

Answer: A
Complexity: Easy
Ahead: Progress and the Challenges in Protecting our Environment
Subject: Chapter 1
Title: Introduction: The Environment At Risk

3. The environment plays a role in human health through associations with which of the following?
A. Acute conditions
B. Allergic responses
C. Disability
D. Chronic disease
E. All of these are correct.

Answer: E
Complexity: Easy

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Ahead: Significance of the Environment for Human Health
Subject: Chapter 1
Title: Introduction: The Environment At Risk

4. The estimated global burden of disease (percentage) linked to environmental sources is:
A. 5% to 20%.
B. 25% to 33%.
C. 35% to 50%.
D. 55% to 70%.
E. 75% to 89%.

Answer: B
Complexity: Easy
Ahead: Progress and the Challenges in Protecting our Environment
Subject: Chapter 1
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5. Compared with adults, children represent a group that is especially vulnerable to environmental hazards for the following reasons, *except*:
A. Their immune systems are still developing.
B. They may be exposed more often to toxins in the outdoor air.
C. They may be exposed more often to toxins in the soil.
D. They spend more time indoors.
E. They may inadvertently ingest toxic substances.

Answer: D
Complexity: Easy
Ahead: Significance of the Environment for Human Health
Subject: Chapter 1
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6. Reasons for the potential spread of avian influenza include which of the following?
A. Intensive animal husbandry practices
B. Restriction of international travel
C. Demonstrated person-to-person transmission
D. Both restriction of international travel and demonstrated person-to-person transmission
E. All of these are correct.

Answer: A
Complexity: Easy

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Ahead: Progress and the Challenges in Protecting our Environment
Subject: Chapter 1
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7. All of the following statements about the 2009 swine flu outbreak are true, *except*:
A. It was caused by the H5N1 virus.
B. It was spread through North America to other parts of the globe.
C. It was classified as a pandemic by WHO.
D. It showed evidence of person-to-person transmission.
E. Initial cases showed no evidence of contact with pigs.

Answer: A
Complexity: Easy
Ahead: Progress and the Challenges in Protecting our Environment
Subject: Chapter 1
Title: Introduction: The Environment At Risk

8. Environmental risk transition is most likely to be characterized by:
A. increasing levels of poor food, air, and water quality.
B. increasing frequency of diarrhea caused by unsafe water.
C. air pollution from poor-quality indoor fuels.
D. control of household risks and creation of a new set of problems.
E. increases in acute respiratory diseases.

Answer: D
Complexity: Easy
Ahead: Significance of the Environment for Human Health
Subject: Chapter 1
Title: Introduction: The Environment At Risk

9. Currently, the number of years required for the world's population to double is approximately:
A. 53 years.
B. 73 years.
C. 43 years.
D. 13 years.
E. 93 years.

Answer: C
Complexity: Easy
Ahead: Population and the Environment

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Subject: Chapter 1
Title: Introduction: The Environment At Risk

10. In 2050, the world's three most populous countries will be:
A. China, Indonesia, United States.
B. United States, Russia, and Japan.
C. China, Indonesia, and Brazil.
D. India, China, United States.
E. Indonesia, Brazil, Nigeria.

Answer: D
Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1
Title: Introduction: The Environment At Risk

Multiple Choice

1. The natural population replacement fertility rate in the US is estimated to be:
A) 2.1 births per woman.
B) 2.9 births per woman.
C) 3.1 births per woman.
D) 3.9 births per woman.
E) 3.5 births per woman.
Ans: A
Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1

2. The epidemiologic transition is characterized by which of the following?
A) Population comprised of predominantly young individuals
B) Growing burden of chronic, degenerative diseases
C) Rapid increase in population
D) High mortality rates
E) None of these is correct.
Ans: B
Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1

3. Stage 1 of the demographic transition demonstrates:
A) drop in mortality rates; high fertility rates.
B) high fertility and mortality rates.
C) dropping fertility rates; more even age and sex distributions.
D) increasing mortality rates; dropping mortality rates.
E) None of these is correct.
Ans: B
Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1

4. Stage 2 of the demographic transition demonstrates:
A) drop in mortality rates; high fertility rates.
B) fertility and mortality rates are high.
C) dropping fertility rates; more even age and sex distributions.
D) increasing mortality rates; dropping mortality rates.
E) None of these is correct.
Ans: A
Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1

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5. Stage 3 of the demographic transition demonstrates:
A) drop in mortality rates; high fertility rates.
B) high fertility and mortality rates.
C) dropping fertility rates; more even age and sex distributions.
D) increasing mortality rates; dropping mortality rates.
E) None of these is correct.
Ans: C
Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1

6. The effects of rapid growth of the world's population include:
A) urbanization.
B) overtaxing carrying capacity.
C) food insecurity.
D) loss of biodiversity.
E) All of these are correct.
Ans: E
Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1

7. Environmental health comprises those aspects of human health that are determined by:
A) physical factors.
B) biological factors.
C) social factors.
D) psychosocial factors.
E) All of these are correct.
Ans: E
Complexity: Moderate
Ahead: Population and the Environment
Subject: Chapter 1

8. The author of the *First Essay on Population* was:
A) John Snow.
B) Charles Darwin.
C) Thomas Malthus.
D) Paul Ehrlich.
E) None of these is correct.
Ans: C
Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1

9. Which of the following statements is *not* true about ecosystems?
A) Human beings are not considered to be a part of ecosystems.
B) An ecosystem is a dynamic complex of plant, animal, and microorganism communities.
C) A temporary pond in a hollow tree can be an ecosystem.

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D) Ecosystems are being degraded rapidly.
E) The interconnected components of an ecosystem are in a steady state.
Ans: A
Complexity: Easy
Ahead: Definitions Used in the Environmental Health Field
Subject: Chapter 1

10. The author of *On Airs, Waters, and Places* was:
A) Socrates.
B) Aristotle.
C) Hippocrates.
D) Pliny the Elder.
E) Galen.
Ans: C
Complexity: Easy
Ahead: Historical Background
Subject: Chapter 1

Import Settings:
Base Settings: Brownstone Default
Information Field: Complexity
Information Field: Ahead
Information Field: Subject
Information Field: Title
Highest Answer Letter: E
Multiple Keywords in Same Paragraph: No
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Chapter: Chapter 01 - Quiz

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E) Reducing the number of days the AQI exceeds 100, weighted by population and AQI; increasing use of alternative modes of transportation for work; and reducing air toxic emissions to decrease the risk of adverse health effects
Ans: D
Complexity: Easy
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Complexity: Easy
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Ans: E
Complexity: Easy
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Ans: A
Complexity: Easy
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Complexity: Easy
Ahead: Population and the Environment
Subject: Chapter 1
Title: Introduction: The Environment At Risk