Mini Chapter A: Social Psychology and a Sustainable Environment

Test Bank

# Multiple Choice

1. Which of the following accurately describes the Earth's thresholds?

a. each of the Earth's many "compartments"

b. Earth’s capacity for pollution, overcrowding, or other concerns

c. changes in Earth's subsystems due to environmental decay

d. Earth's ability to maintain steady rainfall and temperature

Ans: B

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Knowledge

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Easy

2. Which of the following is an example of a threshold effect?

a. a steady level of rainfall over several decades

b. climate becomes increasingly erratic

c. a decease in rates of extinction

d. and increase in biodiversity

Ans: B

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Application

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Hard

3. You are a social psychologist who is assessing the reliability and validity of an environmental research study's conclusion. In which way are you responding to the unique threat posed by multple threshold effects?

a. evaluating scientific claim

b. prioritizing what environmental faucet needs fixing

c. persuading others that science has value

d. analyzing data regarding the extent of enviornmental damage

Ans: A

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Application

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Hard

4. Animals that are most in danger of extinction due to climate change are those that \_\_\_\_\_\_.

a. are reliant on freshwater

b. hiberate when temperatures drop

c. are primarily herbivores

d. live in restricted ranges

Ans: D

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

5. Samantha is interpreting GPS locations from a trackerp laced on a wild coyote to determine changes in migration patterns. In which way is Samantha responding to the unique threat posed by multple threshold effects?

a. evaluating scientific claim

b. prioritizing what environmental faucet needs fixing

c. persuading others that science has value

d. analyzing data regarding the extent of enviornmental damage

Ans: D

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Application

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Hard

6. Which of the following is another term for climate change?

a. threshold breaking

b. global weirding

c. biodiversification

d. environmental deterioration

Ans: B

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

7. Which theory of persuasion was promoted by Volkswagon?

a. naturalistic theory

b. observational theory

c. fun theory

d. escalating theory

Ans: C

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

8. How do researchers know that making stairs into piano keys makes people walk more stairs?

a. nautralistic observation

b. fun theory

c. escalating theory

d. analysis of threshold data

Ans: A

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

9. In which way do social psychologists "shine" when responding to the unique threat posed by climate change?

a. by evaluating scientific claim

b. by prioritizing what environmental faucet needs fixing

c. by persuading others that science has value

d. analyzing data regarding the extent of enviornmental damage

Ans: C

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

10. When Volkswagon added sounds to trash bins to encourage people to pick up litter, they were \_\_\_\_\_\_.

a. evaluating scientific claims

b. prioritizing what environmental issue needed fixing

c. analyzing data

d. persuading others

Ans: D

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Analysis

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Hard

11. What is environmental psychology?

a. study of interplay between individuals and their surroundings

b. study of persuading individuals about the changes of their surroundings

c. study of analyzing data about the natural world

d. study of encouraging individuals through fun theory

Ans: A

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

12. What is a sustainable environment?

a. environment that allows stronger living things to flourish

b. environment that separates endangers living things from others

c. environment that allows living things to adapt and survive

d. environment that confines living things to specific habitats

Ans: C

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Knowledge

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Easy

13. About how many unique species does the earth lose per year?

a. 21

b. 31

c. 111

d. 121

Ans: D

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Knowledge

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Easy

14. Which of the following describes excessive noise?

a. any sound that you hear

b. any sound you do not want to hear

c. any sound that creates chaos

d. any sound that comes from humans

Ans: B

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Knowledge

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Easy

15. Which of the following is an example of excessive noise?

a. a bird chirping in the afternoon while you are on your walk

b. a song from your favorite band playing on the radio

c. a song that helps you focus while you study

d. a rooster crowing in the morning when you are trying to sleep

Ans: D

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Application

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Hard

16. Which of the following environmental issues is rooted in social interaction?

a. littering

b. noise

c. smoke pollution

d. chemical spills

Ans: B

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Comprehension

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Medium

17. Which is one of the three factors that makes noise stressful?

a. tone of the noise

b. distance from noise

c. percieved lack of control over noise

d. type of noise

Ans: C

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Knowledge

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Easy

18. During an exam, Marta becomes stressed due to a sawing noise coming from outside the classroom. Primarily, Marta becomes started each time the noise occurs because there is not percievable pattern to why the sound occurs. Which feature of stressful noise is this an example of?

a. volume of noise

b. unpredictability of noise

c. lack of control over noise

d. distance from the noise

Ans: B

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Application

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Hard

19. Which of the following is an objective numerical calculation of how many people occupy a particular space?

a. density

b. crowding

c. rat packs

d. population

Ans: A

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Knowledge

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Easy

20. Which of the following is the subjective sense that there are too many people in a given space?

a. personal space

b. crowding

c. rat packs

d. population

Ans: B

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Knowledge

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Easy

21. Which of the following refers to the invisible boundary around our bodies that give us a sense of control over our environment?

a. density

b. rat pack

c. population

d. personal space

Ans: D

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Knowledge

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Easy

22. In a well-known experiment on crowding, Calhoun (1962) found that a growing population of rats crammed into a single room caused \_\_\_\_\_\_.

a. a decrease in rat packs

b. a behavioral sink

c. an unpredicatable level of noise

d. greater self-control among rats

Ans: B

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Knowledge

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Easy

23. Which of the following can help diffuse the crowding effects of an increasing population?

a. noise pollution regulations

b. decreased personal space

c. implementation of environmental design

d. adjustment of threshold effects

Ans: C

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Knowledge

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Easy

24. Many buildings are designed with which factor in mind?

a. humans

b. economics

c. animals

d. weather

Ans: B

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Comprehension

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Medium

25. Desks that are only made for right-handed people is an example of which of the following?

a. social design for humans

b. environmental design for sustainability

c. design with economics in mind

d. design that preserves personal space

Ans: C

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Application

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Hard

**True/False**

1. Scientific claims found in a single scholarly, peer-reviewed journal can usually be accepted as truth.

b. False

Ans: F

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

2. Terrestrial animals are most affected by climate change

Ans: F

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

3. The data collection and analysis skills honed by social psychologists may help save a species.

Ans: T

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

4. The theory of planned behavior may be helpful when considering how to persuade individuals of the value of science.

Ans: T

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

5. Social psycologists may assist environmentalists by using their knowledge of persuasion to convince others that protecting the environment is a worthwhile cause.

Ans: T

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Comprehension

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Medium

6. There are only psychological responses to noise.

Ans: F

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Comprehension

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Medium

7. Noise pollution affects different animals differently.

Ans: T

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Comprehension

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Medium

8. Coping skills required to live pleasantly in densely populated areas are similar to those coping skills required for living with noise population.

Ans: T

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Comprehension

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Medium

9. Human factors is an academic discipline devoted to designing products that maximize human interaction.

Ans: T

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Comprehension

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Medium

10. Tragedy of commons refers to a problem at the heart of the sustainability crisis.

Ans: T

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Comprehension

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Medium

**Essay**

1. Consider the current rate of species loss versus the estimated threshold for species loss. What is the relationship between these two numbers? What does this say about the potential for threshold effects?

Ans: varies

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Analysis

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Hard

2. Imagine you are trying to persuade a friend about the validity a scientific claim. Which theory of persuasion would you use? How would you use this theory of persuasion in this situation?

Ans: varies

Learning Objective: 1-1: Articulate how social psychologists can respond to the unique threat posed by multiple threshold effects.

Cognitive Domain: Analysis

Answer Location: What Are Threshold Effects, and Why Are They Important?

Difficulty Level: Hard

3. Choose a sound that you consider to be noise. Use the three components of what makes noise to support your answer.

Ans: varies

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Analysis

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Hard

4. Think about the emerging career related to psychology of user experience specialist. Based on what you know about this profession, why is it an ideal fit for a social psychologist?

Ans: varies

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Analysis

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Hard

5. What is the tragedy of commons? What is its relationship to the sustainability crisis?

Ans: varies

Learning Objective: 1-2: Describe how noise and crowding are influenced by subjective perceptions and corresponding roles for social psychologists.

Cognitive Domain: Analysis

Answer Location: What Happens When Environmental Thresholds Are Exceeded?

Difficulty Level: Hard