Food Science 2nd edition Edelstein Test Bank

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Chapter: Chapter 01 – Quiz

Multiple Choice

1. Agrichemicals have been associated with:
A) reduced biodiversity.
B) eutrophication.
C) climate change.
D) resistant weeds.
E) All of these are correct.
Ans: E
Complexity: Moderate
Ahead: Resource Utilization
Subject: Chapter 1
Title: Food Science in an Era of Environmental Concern

2. While there are slight variations to the definition of the precautionary principle, a simplified rendition includes:
A) when an activity raises threats of harm to human health or the environment, precautionary measures should be taken even if some cause and effect relationships are not fully established scientifically.
B) when an activity raises threats of harm to human health or the environment, the effects are “washed out” and, therefore, negligible.
C) there are always threats to human health that are natural.
D) All of these are correct.
E) None of these is correct.
Ans: A
Complexity: Moderate
Ahead: Resource Utilization
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3. Organic banana sales have:
A) plummeted.
B) remained stagnant.
C) have increased 30% over the past year.
D) had no impact on the natural environment.

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E) have had no impact on human health.
Ans: C
Complexity: Moderate
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4. Conventional bananas use a vast array of agrichemicals including:
A) glyphosate.
B) arsenic.
C) agent orange.
D) fungicides such as mancozeb.
E) None of these is correct.
Ans: D
Complexity: Moderate
Ahead: Resource Utilization
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5. Keystone species are important and should be considered in agricultural systems because:
A) they play a critical and unique role in the balance of ecosystem functions.
B) their disturbance or absence may end those services altogether and cause dysfunction to the ecosystem as a whole.
C) their role is insignificant altogether.
D) None of these is correct.
E) they play a critical and unique role in the balance of ecosystem functions and their disturbance or absence may end those services altogether and cause dysfunction to the ecosystem as a whole.
Ans: E
Complexity: Moderate
Ahead: Resource Utilization
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6. It has been estimated that there are _____ pieces of plastics in our oceans.
A) 1 million
B) 2.5 billion
C) 8 million
D) 5.25 trillion
E) None of these is correct.
Ans: D
Complexity: Moderate
Ahead: Resource Utilization
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7. Using durable (nondisposable) tableware when serving food:
A) decreases the burden to the natural environment.
B) decreases the negative impact on wildlife.

C) conserves natural resources.
D) can decrease the amount of plastics found in our waterways and oceans.
E) All of these are correct.
Ans: E
Complexity: Moderate
Ahead: Resource Utilization
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8. Identify true statements about antibiotic resistance.
A) Antibiotic resistance genes and microorganisms have been found in animal products when purchased at grocery stores.
B) Nearly 80% of the antibiotics produced in the United States are sold to the food animal industry.
C) Antibiotic resistance genes and microorganisms have been found in groundwater, the air, and manure.
D) Removing antibiotics from food animal production has been shown to decrease antibiotic resistance.
E) All of these are correct.
Ans: E
Complexity: Moderate
Ahead: Nutrition Transitions
Subject: Chapter 1
Title: Food Science in an Era of Environmental Concern

9. Identify false statements about the general health of Americans.
A) Americans are consuming the recommended amounts of beans and peas.
B) Americans are underconsuming empty calorie foods.
C) Americans are underconsuming refined grain.
D) Most Americans are not overweight or obese.
E) All of these are correct.
Ans: E
Complexity: Moderate
Ahead: Nutrition Transitions
Subject: Chapter 1
Title: Food Science in an Era of Environmental Concern

10. A completely plant-based diet has been shown to be nutritious and beneficial:
A) at all stages of the life cycle, including pregnancy.
B) for cardiac disease only.
C) for diabetes and cardiac disease only.
D) for a variety of chronic diseases.
E) for all stages of the life cycle, including pregnancy, and for a variety of chronic diseases.
Ans: E
Complexity: Moderate
Ahead: Nutrition Transitions
Subject: Chapter 1
Title: Food Science in an Era of Environmental Concern