

*Test Bank for Discovering Nutrition 6th
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Chapter: Chapter 01 - Quiz

Multiple Choice

1. The sale of gluten-free products in the United States is rising each year due to the increased diagnosis of celiac disease and the belief that eliminating gluten from the diet will treat other conditions. This practice is best described as an example of which sensory influence or personal preference?

- A) Food and diet trends
- B) Economics
- C) Religion
- D) Availability

Ans: A

Complexity: Moderate

Ahead: Why Do We Eat the Way We Do?

Subject: Chapter 1

Title: Food Choices: Nutrients and Nourishment

2. A 19-year-old boy avoids rice pudding because once when he was a child, he got sick after eating it. This practice of avoiding a certain food because you think it will make you sick is best described as which sensory influence?

- A) Nutrition and health beliefs
- B) Social factors
- C) Food and diet trends
- D) Comfort/discomfort foods

Ans: D

Complexity: Moderate

Ahead: Why Do We Eat the Way We Do?

Subject: Chapter 1

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3. As people from other cultures immigrate to new lands, they will adopt new behaviors consistent with their new homes; however, their _____ are the last to change.

- A) comfort foods
- B) food habits
- C) expectations about food
- D) taste sensitivities

Chapter 1 Assessment Quiz

Ans: B
Complexity: Moderate
Ahead: Why Do We Eat the Way We Do?
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4. Except for _____, all of the following are organic compounds that regulate body processes and contribute to cell and body structure.

- A) vitamins
- B) minerals
- C) lipids
- D) proteins

Ans: B
Complexity: Moderate
Ahead: Introducing the Nutrients
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5. How many kilocalories are in 7 grams of protein?

- A) 28
- B) 49
- C) 63
- D) 77

Ans: A
Complexity: Moderate
Ahead: Introducing the Nutrients
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6. Which nutrient provides the starting material for making many of the hormones in our bodies?

- A) Vitamins
- B) Minerals
- C) Lipids
- D) Proteins

Ans: C
Complexity: Easy
Ahead: Introducing the Nutrients
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7. Two hundred seventy-five grams of carbohydrate provides what percent of calories from carbohydrate in a 2,000 kcal diet?

- A) 25
- B) 40
- C) 55
- D) 60

Ans: C
Complexity: Difficult

Ahead: Introducing the Nutrients
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8. If a food label identifies the total number of kilocalories in a bowl of cereal as 140 and the carbohydrate kilocalories as 100, what is the approximate percentage of energy supplied by carbohydrates?

- A) 40
- B) 50
- C) 60
- D) 70

Ans: D

Complexity: Difficult

Ahead: Introducing the Nutrients

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9. If you eat a diet with 2,000 kilocalories and 45 percent of those calories come from protein, about how many grams of protein did you eat?

- A) 100
- B) 128
- C) 200
- D) 225

Ans: D

Complexity: Moderate

Ahead: Introducing the Nutrients

Subject: Chapter 1

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10. Which of the following best describes components of a double-blind study?

- A) When members of the control group know which group they are in but members of the experimental group do not
- B) When the researchers do not know which group the subjects are in but the subjects of both the control and experimental group know which group they are in
- C) When neither the subjects nor the researchers are aware of the subjects' group assignments
- D) When members of the experimental group and the researchers know which study group all of the subjects are in

Ans: C

Complexity: Moderate

Ahead: Applying the Scientific Process to Nutrition

Subject: Chapter 1

Title: Food Choices: Nutrients and Nourishment

11. A study of the relationship between skipping breakfast and its link to overweight kids is an example of which type of study?

- A) A clinical trial
- B) A nominal
- C) An epidemiological
- D) A controlled case study

Chapter 1 Assessment Quiz

Ans: C
Complexity: Difficult
Ahead: Applying the Scientific Process to Nutrition
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12. A meal that contains 4 grams of fat, 3 grams of protein, and 3 grams of carbohydrate will provide _____ calories.

- A) 50
- B) 60
- C) 70
- D) 80

Ans: B
Complexity: Difficult
Ahead: Introducing the Nutrients
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13. The _____ model shows how individual factors, environmental settings, and various sections of influence overlap to form health decisions for an individual.

- A) health belief
- B) transtheoretical
- C) community action
- D) social-ecological

Ans: D
Complexity: Moderate
Ahead: Why Do We Eat the Way We Do?
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14. Except for _____, all of the following are similar in how they are absorbed and transported in the body.

- A) vitamin B6
- B) vitamin D
- C) vitamin A
- D) vitamin K

Ans: A
Complexity: Moderate
Ahead: Introducing the Nutrients
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15. A patient is on a 2,000 kcal diet but is meeting only 80 percent of his total energy need. Which of the following food items could provide adequate calories for the remaining 20 percent?

- A) Food item A (20 grams of fat, 20 grams of carbohydrate, and 35 grams of protein)
- B) Food item B (10 grams of fat, 20 grams of carbohydrate, and 35 grams of protein)
- C) Food item C (20 grams of fat, 10 grams of carbohydrate, and 35 grams of protein)
- D) Food item D (20 grams of fat, 20 grams of carbohydrate, and 25 grams of protein)

Ans: A
Complexity: Difficult
Ahead: Introducing the Nutrients
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True/False

1. True or False? The six classes of nutrients in food include carbohydrates, lipids, proteins, vitamins, minerals, and water.

Ans: True
Complexity: Easy
Ahead: Introducing the Nutrients
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2. True or False? Carbohydrate is considered the most essential nutrient.

Ans: False
Complexity: Easy
Ahead: Introducing the Nutrients
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3. True or False? Compared to our lifestyle factors such as smoking and exercise, our food choices are more likely to affect our risk for developing chronic diseases such as heart disease or cancer.

Ans: True
Complexity: Easy
Ahead: Introduction to Nutrients
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4. True or False? In nutrition research, a supposition or proposed explanation made on the basis of limited evidence and used as a starting point for further investigation is called the observation.

Ans: False
Complexity: Easy
Ahead: Applying the Scientific Process to Nutrition
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5. True or False? An example of a case control study is one in which a group of individuals who have a condition, such as heart disease, are compared with a similar group of people who do not have the same condition.

Ans: True
Complexity: Moderate

Chapter 1 Assessment Quiz

Ahead: Applying the Scientific Process to Nutrition
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6. True or False? An example of a correlation study is when a set of people is studied in an effort to evaluate the effect of an event, substance, or technique, such as if vitamin C helps to improve a certain skin condition.

Ans: False

Complexity: Moderate

Ahead: Applying the Scientific Process to Nutrition

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7. True or False? An example of placebo effect is the expectation that a certain treatment will be effective can be almost as effective as the treatment itself.

Ans: True

Complexity: Moderate

Ahead: Applying the Scientific Process to Nutrition

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8. True or False? Professional journals in print and on the Internet are examples of primary sources of scientific research information.

Ans: True

Complexity: Easy

Ahead: From Research Study to Headline

Subject: Chapter 1

Title: Food Choices: Nutrients and Nourishment

9. True or False? Usually, results from animal studies can be applied directly to humans.

Ans: False

Complexity: Easy

Ahead: Applying the Scientific Process to Nutrition

Subject: Chapter 1

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Short Answer

1. There are a total of _____ calories available from a serving of food that contains 3 grams of fat, 14 grams of carbohydrate, and 4 grams of protein.

Ans: 99

Complexity: Difficult

Ahead: Introducing the Nutrients

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Chapter 1 Assessment Quiz

Title: Food Choices: Nutrients and Nourishment

2. _____ is the word for plant chemicals found in food that are not nutrients but are important health functions.

Ans: Phytochemicals

Complexity: Easy

Ahead:

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