

## Chapter 01 Nutrition, Food Choices, and Health **Answer Key**

### Multiple Choice Questions

1. Recent surveys indicate that the most commonly purchased foods in America are
  - A. pizza, soft drinks, cheesburgers, and French fries.
  - B. milk, ready-to-eat cereal, bottled water, soft drinks, and bread.**
  - C. tacos, bagels, bottled water, and ice cream.
  - D. fried chicken, ribs, beer, and donuts.

*Blooms Level: 1. Remember*

*Learning Outcome: 01.06 List the major characteristics of the North American diet, the food habits that often need improvement, and the key "Nutrition and Weight Status" objectives of the Healthy People 2020 report.*

*Section: 01.01 Why Do You Choose the Food You Eat*

*Topic: Demographic trends and statistics*

2.

Which of the following is an essential nutrient?

- A. Alcohol
- B. Carbohydrates**
- C. Phytochemicals
- D. Zoochemicals

*Blooms Level: 2. Understand*

*Learning Outcome: 01.03 Define the terms nutrition, carbohydrate, protein, lipid (fat), alcohol, vitamin, mineral, water, phytochemical, kilocalorie (kcal), and fiber.*

*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

3.

Which of the following is the leading nutrition-related cause of death in the United States?

- A. Heart disease
- B. Cancer
- C. Diabetes
- D. Pneumonia

*Blooms Level: 1. Remember*

*Learning Outcome: 01.02 Identify diet and lifestyle factors that contribute to the 15 leading causes of death in North America.*

*Section: 01.02 How Is Nutrition Connected to Good Health*

*Topic: Demographic trends and statistics*

4. Which of the following nutrients can directly supply energy for human use?

- A. Lipids
- B. Fiber
- C. Vitamins
- D. Minerals

*Blooms Level: 1. Remember*

*Learning Outcome: 01.04 Determine the total calories (kcal) of a food or diet using the weight and calorie content of the energy-yielding nutrients, convert English to metric units, and calculate percentages, such as percent of calories from fat in a diet.*

*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition basics*

5. The main function of carbohydrates is to

- A. provide energy.
- B. promote growth and development.
- C. regulate body processes.
- D. prevent cancer.

*Blooms Level: 1. Remember*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

6. What substances, present in fruits and vegetables, provide significant health benefits such as reducing the risk of cancer?

- A. Phytochemicals
- B. Beta blockers
- C. Deoxidizers
- D. Free radicals

*Blooms Level: 1. Remember*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Phytochemicals*

7. The *essential* nutrients

- A. must be consumed at every meal.
- B. are required for infants but not adults.
- C. can be made in the body when they are needed.
- D. cannot be made by the body and therefore must be consumed to maintain health.

*Blooms Level: 1. Remember*

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*Section: 01.02 How Is Nutrition Connected to Good Health*

*Topic: Nutrition basics*

8. According to the Food and Nutrition Board (FNB) of the National Academy of Sciences, \_\_\_\_\_ of kilocalories should come from carbohydrates.

- A. 20% to 35%
- B. 45% to 65%
- C. 10% to 35%

*Blooms Level: 1. Remember*

*Learning Outcome: 01.06 List the major characteristics of the North American diet, the food habits that often need improvement, and the key "Nutrition and Weight Status" objectives of the Healthy People 2020 report.*

*Section: 01.06 What Is the Current State of the North American Diet and Health*

*Topic: Nutrition basics*

9. According to the Food and Nutrition Board (FNB) of the National Academy of Sciences, \_\_\_\_\_ of kilocalories should come from protein.

- A. 20% to 35%
- B. 45% to 65%
- C. 10% to 35%

*Blooms Level: 1. Remember*

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*Section: 01.06 What Is the Current State of the North American Diet and Health*

*Topic: Nutrition basics*

10. According to the Food and Nutrition Board (FNB) of the National Academy of Sciences, \_\_\_\_\_ of kilocalories should come from fat.

- A. 20% to 35%
- B. 45% to 65%
- C. 10% to 35%

*Blooms Level: 1. Remember*

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*Topic: Nutrition basics*

11. Fiber belongs to the class of nutrients known as

- A. carbohydrates.
- B. protein.
- C. lipids.
- D. minerals.

*Blooms Level: 2. Understand*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

12. Which of the following is a characteristic of vitamins?

- A. Provide energy
- B. Become structural components of the body
- C. Enable chemical processes in the body
- D. Made in sufficient quantities by the body

*Blooms Level: 1. Remember*

*Learning Outcome: 01.03 Define the terms nutrition, carbohydrate, protein, lipid (fat), alcohol, vitamin, mineral, water, phytochemical, kilocalorie (kcal), and fiber.*

*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

13. Minerals can

- A. provide energy.
- B. be destroyed during cooking.
- C. be degraded by the body.
- D. become part of body structures.

*Blooms Level: 1. Remember*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

14. Carbohydrates provide \_\_\_\_\_ kilocalories per gram.

- A. 4
- B. 7
- C. 9
- D. 0

*Blooms Level: 1. Remember*

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*Topic: Nutrition basics*



15. Which of the following is characteristic of lipids?

- A. Supply 4 kilocalories per gram
- B. Add structural strength to bones and muscles
- C. Supply a concentrated form of fuel for the body
- D. Add sweetness to food

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16. A warning sign or symptom of alcohol poisoning is

- A. semiconsciousness or unconsciousness.
- B. rapid breathing.
- C. skin that is hot to the touch.
- D. insomnia.

*Blooms Level: 2. Understand*

*Learning Outcome: 01.08 Identify food and nutrition issues relevant to college students.*

*Section: 01.08 Nutrition and Your Health: Eating Well in College*

*Topic: Nutrition basics*

17. Gram for gram, which provides the most energy?

- A. Carbohydrates
- B. Proteins
- C. Alcohol
- D. Fats

*Blooms Level: 2. Understand*

*Learning Outcome: 01.04 Determine the total calories (kcal) of a food or diet using the weight and calorie content of the energy-yielding nutrients, convert English to metric units, and calculate percentages, such as percent of calories from fat in a diet.*

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*Topic: Nutrition basics*

18. Protein

- A. is a major component of body structures.
- B. supplies 9 kilocalories per gram.
- C. is a significant energy source for humans.
- D. functions as a solvent.

*Blooms Level: 1. Remember*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

19. Which of the following yield greater than 4 kilocalories per gram?

- A. Plant fats
- B. Plant carbohydrates
- C. Plant proteins
- D. Animal proteins

*Blooms Level: 2. Understand*

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*Topic: Nutrition basics*

20. Which of the following is a function of water?

- A. Provides energy
- B. Transports nutrients and wastes
- C. Structural component of bone
- D. Prevention of oxidative damage to cell membranes

*Blooms Level: 1. Remember*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

21. Which of the following is true about the energy content of nutrients?

- A. Lipids supply 7 kilocalories per gram.
- B. Carbohydrates and proteins supply 4 kilocalories per gram.**
- C. Alcohol supplies 9 kilocalories per gram.
- D. Lipids and alcohol supply 9 kilocalories per gram.

*Blooms Level: 1. Remember*

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22. A kilocalorie is a measure of

- A. heat energy.**
- B. fat in food.
- C. nutrients in food.
- D. sugar and fat in food.

*Blooms Level: 1. Remember*

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23. A serving of bleu cheese dressing containing 23 grams of fat would yield \_\_\_\_\_ kilocalories from fat.

A. 161

B. 92

C. 207

D. 255

23 grams of fat x 9 kcal/g = 207 kcal from fat.

*Blooms Level: 3. Apply*

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*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition computations*

24.

A meal consisting of a cheeseburger, large fries, and a chocolate shake provides a total of 1,120 kilocalories. Forty-eight percent of the energy in the meal is from carbohydrate and 13 percent is from protein. How many kilocalories of fat does the meal contain?

A. 137

B. 313

C. 287

D. 437

100% - 48% of kcal from carbohydrates - 13% of kcal from protein = 39% of kcal from fat.

1120 kcal x 0.39 = 437 kcal from fat.

*Blooms Level: 3. Apply*

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*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition computations*

25. A large hamburger (e.g., Whopper®) sandwich contains 628 kilocalories and 36 grams of fat. Approximately what percentage of the total energy is contributed by fat?

- A. 23%
- B. 52%**
- C. 19%
- D. 41%

36 grams of fat x 9 kcal/g = 324 kcal from fat.

324 kcal from fat / 628 total kcal = 0.52 = 52% of kcal from fat.

*Blooms Level: 3. Apply*

*Learning Outcome: 01.04 Determine the total calories (kcal) of a food or diet using the weight and calorie content of the energy-yielding nutrients, convert English to metric units, and calculate percentages, such as percent of calories from fat in a diet.*

*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition computations*

26. Which is the only class of nutrients that does *not* function in the regulation of body processes?

- A. Proteins
- B. Carbohydrates**
- C. Water
- D. Vitamins

*Blooms Level: 2. Understand*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

27. Which of the following are substances in plant foods that are not digested in the stomach or small intestine?

- A. Dextrose
- B. Disaccharides
- C. Dietary fiber
- D. Simple sugars

*Blooms Level: 2. Understand*

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28. *Healthy People 2020* was designed to

- A. eliminate health disparities, improve access to health education and quality health care, and strengthen public health services.
- B. disclose dietary practices that best support health.
- C. prevent chronic disease.
- D. eliminate dietary inadequacies and excesses, and to encourage healthful practices.

*Blooms Level: 1. Remember*

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*Section: 01.06 What Is the Current State of the North American Diet and Health*

*Topic: Public health and nutrition*



29. Which of the following is true about the North American diet?

- A. Most of our protein comes from plant sources.
- B. Approximately half of our carbohydrates come from simple sugars.
- C. Most of our fats come from plant sources.
- D. Most of our carbohydrates come from fibers.

*Blooms Level: 1. Remember*

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*Topic: Demographic trends and statistics*

30.

The "Freshman 15" is the term used to describe the

- A. typical waist circumference of college students after freshman year.
- B. typical body fat percentage of college students after freshman year.
- C. amount of weight (in pounds) typically gained during freshman year of college.
- D. typical BMI of college students after freshman year.

*Blooms Level: 1. Remember*

*Learning Outcome: 01.08 Identify food and nutrition issues relevant to college students.*

*Section: 01.08 Nutrition and Your Health: Eating Well in College*

*Topic: Nutrition basics*

31. Which of the following contain no calories?

- A. Alcohol
- B. Proteins
- C. Carbohydrates
- D. Vitamins

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32. Which of the following is a complex carbohydrate?

- A. Starch
- B. Sucrose
- C. Fruit sugar
- D. Glucose

*Blooms Level: 2. Understand*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

33. Which of the following includes all energy-yielding substances?

- A. Carbohydrates, lipids, protein
- B. Vitamins, minerals, carbohydrates, lipids, protein
- C. Alcohol, carbohydrates, lipids, protein
- D. Carbohydrates, lipids, protein, vitamins, minerals, water

*Blooms Level: 2. Understand*

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34. A nutrition-related objective from *Healthy People 2020* is to reduce

- A. the proportion of adults who are obese.
- B. the contribution of fruits to the diet.
- C. the contribution of whole grains to the diet.
- D. the proportion of adults who are at a healthy weight.

*Blooms Level: 2. Understand*

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*Topic: Public health and nutrition*

35.

Which of the following terms describes *psychological* influences that encourage us to find and eat food?

- A. Appetite
- B. Hunger
- C. Satiety
- D. Saturation

*Blooms Level: 1. Remember*

*Learning Outcome: 01.01 Describe how our food habits are affected by the flavor, texture, and appearance of food; routines and habits; early experiences and customs; advertising; nutrition and health concerns; restaurants; social changes; and economic, as well as physiological processes affected by meal size and composition.*

*Section: 01.01 Why Do You Choose the Food You Eat*

*Topic: Hunger and appetite*

36. Which of the following trends has a negative effect on American food habits?

- A. More offerings of chicken and fish in restaurants as alternatives to beef
- B. Social changes that are leading to a general time shortage for many of us
- C. The variety of new, low fat products in the supermarket
- D. Widespread availability of information on the nutritional content of fast foods

*Blooms Level: 2. Understand*

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*Topic: Hunger and appetite*

37. Recent studies clearly indicate an association between TV advertising of foods and drinks and \_\_\_\_\_, especially in the United States.

- A. dollars spent for food in restaurants
- B. purchase of more nutritious products from grocery stores
- C. the prevalence of childhood obesity
- D. the number of meals eaten at home

*Blooms Level: 2. Understand*

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## Matching Questions

38. Match the following terms with their definitions.

- |             |  |          |
|-------------|--|----------|
|             | Psychological (external) influences that encourage   |          |
| 1. Obesity  | us to find and eat food                              | <u>2</u> |
|             | Physiological (internal) drive to find and eat food, |          |
| 2. Appetite | mostly regulated by innate cues to eating            | <u>5</u> |
|             | State in which there is no longer a desire to eat; a |          |
| 3. Satiety  | feeling of satisfaction                              | <u>3</u> |
|             | Compound secreted into the bloodstream that acts     |          |
| 4. Hormone  | to control the function of distant cells             | <u>4</u> |
| 5. Hunger   | A condition characterized by excess body fat         | <u>1</u> |

*Blooms Level: 1. Remember*

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*Section: 01.01 Why Do You Choose the Food You Eat*

*Topic: Hunger and appetite*

39. Match the following terms with their definitions.

- |                   |   |           |
|-------------------|---|-----------|
|                   | The building block for proteins containing      |           |
| 1. Hypertension   | carbon, hydrogen, oxygen, and nitrogen          | <u>9</u>  |
|                   | Substances found in plants that contribute      |           |
|                   | to a reduced risk of cancer or heart disease in |           |
| 2. Genes          | people who consume them regularly               | <u>3</u>  |
|                   | Heat needed to raise 1 liter of water 1         |           |
| 3. Phytochemicals | degree Celsius                                  | <u>10</u> |
|                   | Organic compounds needed in very small          |           |
|                   | amounts in the diet to help regulate and        |           |
| 4. Nutrients      | support chemical reactions in the body          | <u>5</u>  |
|                   | Chemical substances in food that                |           |
| 5. Vitamins       | contribute to health.                           | <u>4</u>  |
|                   | Chemical elements used in the body to           |           |
|                   | promote chemical reactions and to form body     |           |
| 6. Minerals       | structures                                      | <u>6</u>  |
|                   | An aspect of our lives that may make us         |           |
| 7. Enzyme         | more likely to develop a disease                | <u>8</u>  |
|                   | Compound that speeds the rate of a              |           |
|                   | chemical process but is not altered by the      |           |
| 8. Risk factor    | process   | <u>7</u>  |
|                   | Hereditary material that provides the           |           |
| 9. Amino acid     | blueprints for the production of cell proteins  | <u>2</u>  |
|                   | A condition in which blood pressure             |           |
| 10. Kilocalorie   | remains persistently elevated.                  | <u>1</u>  |

*Blooms Level: 1. Remember*

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*Section: 01.02 How Is Nutrition Connected to Good Health*

*Section: 01.03 What Are the Classes and Sources of Nutrients*

## Multiple Choice Questions

40. The 2015 Food and Health Survey indicated that after taste, \_\_\_\_\_ is now the number two reason why people choose the food they do.

A. nutrition  
B. convenience  
C. cost

*Blooms Level: 1. Remember*

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*Section: 01.01 Why Do You Choose the Food You Eat*

*Topic: Hunger and appetite*

41. To reduce their risk for many chronic diseases, Americans should limit their intakes of

A. water.  
B. whole grains.  
C. solid fats.  
D. phytochemicals.

*Blooms Level: 2. Understand*

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*Section: 01.06 What Is the Current State of the North American Diet and Health*



42. For hydration, sports drinks are superior to water for athletes who participate in

- A. workouts lasting more than 60 minutes.
- B. workouts in cold weather.
- C. strength training.
- D. outdoor athletic events.

Blooms Level: 2. Understand

Learning Outcome: 01.08 Identify food and nutrition issues relevant to college students.

Section: 01.08 Nutrition and Your Health: Eating Well in College

Topic: Nutrition basics

43. Which of the following adults is engaging in binge drinking?

- A. A woman who drinks two 12-fl oz cans of beer while eating steamed crabs.
- B. A man who drinks four shots of whiskey at a bachelor party.
- C. A woman who drinks three 5-fl oz glasses of wine at a cocktail party.
- D. A man who drinks a six-pack of 12-fl oz bottles of beer at a cookout.

Blooms Level: 5. Evaluate

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## True / False Questions

44. Water is one of the six classes of essential nutrients.

**TRUE**

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

### Multiple Choice Questions

45. Which of the following is an example of a phytochemical?

- A.** Carotenoids
- B. Cholesterol
- C. Fiber
- D. Enzymes

*Blooms Level: 2. Understand*

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*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Phytochemicals*

46.

When in Europe, you are told that you are eating a steak weighing 140 grams. This is equivalent to how many ounces?

A.

5 ounces

B.

3920 ounces

C.

8.75 ounces

D.

1.4 ounces

$$140 \text{ g} / 28 \text{ g/oz} = 5 \text{ oz}$$

*Blooms Level: 3. Apply*

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*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition computations*

47. Pat purchases a 2-liter bottle of root beer. This would be approximately \_\_\_\_\_.

A. 2 quarts

B. 4 cups

C. 2 pints

D. 2 gallons

1 quart is approximately equal to 1 liter (0.946 L).

*Blooms Level: 3. Apply*

*Learning Outcome: 01.04 Determine the total calories (kcal) of a food or diet using the weight and calorie content of the energy-yielding nutrients, convert English to metric units, and calculate percentages, such as percent of calories from fat in a diet.*

*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition computations*

48. Nutrition is

A.  
the use of dietary supplements to cure diseases.

B. the practice of eating only healthy foods.

C. the study of diet and disease patterns among various populations.

D. the science that links food to health and disease.

*Blooms Level: 1. Remember*

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*Section: 01.02 How Is Nutrition Connected to Good Health*

*Topic: Nutrition basics*

49. On average, Americans consume approximately \_\_\_\_\_% of total kilocalories as fat.

- A. 20
- B. 50
- C. 28
- D. 33

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*Topic: Demographic trends and statistics*

50. Vitamins and minerals \_\_\_\_\_ be broken down to provide energy.

- A. cannot
- B. can

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51. Which class of nutrients comprises 60% of body weight?

- A. Water
- B. Protein
- C. Carbohydrate
- D. Minerals

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## True / False Questions

52. All of the essential nutrients function as regulators of body processes.

**FALSE**

*Blooms Level: 1. Remember*

*Learning Outcome: 01.03 Define the terms nutrition, carbohydrate, protein, lipid (fat), alcohol, vitamin, mineral, water, phytochemical, kilocalorie (kcal), and fiber.*

*Section: 01.03 What Are the Classes and Sources of Nutrients*

*Topic: Nutrition basics*

## Multiple Choice Questions

53.

One cup of chocolate milk contains 15 grams of carbohydrates, 8 grams of fat, and 8 grams of protein. This cup of chocolate milk supplies \_\_\_\_\_ kilocalories.

A.  
164

B.  
124

C.  
279

D.  
31

15 g carbohydrates x 4 kcal/g = 60 kcal from carbohydrates

8 g protein x 4 kcal/g = 32 kcal from protein

8 g fat x 9 kcal/g = 72 kcal from fat

60 + 32 + 72 = 164 kcal

*Blooms Level: 3. Apply*

*Learning Outcome: 01.04 Determine the total calories (kcal) of a food or diet using the weight and calorie content of the energy-yielding nutrients, convert English to metric units, and calculate percentages, such as percent of calories from fat in a diet.*

*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition computations*

## Numeric Response Questions

54.

A weight reduction regimen calls for a daily intake of 1400 kilocalories and 30 grams of fat. Approximately \_\_\_\_\_% of the total energy is provided by fat.

19

30 grams of fat x 9 kcal/g = 270 kcal from fat

270 kcal from fat / 1400 total kcal = 0.19

*Blooms Level: 3. Apply*

*Learning Outcome: 01.04 Determine the total calories (kcal) of a food or diet using the weight and calorie content of the energy-yielding nutrients, convert English to metric units, and calculate percentages, such as percent of calories from fat in a diet.*

*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition computations*

55.

Shelby weighs 70 kilograms, which is \_\_\_\_\_ pounds.

154

70 kg x 2.2 lb/kg = 154 lb

*Blooms Level: 3. Apply*

*Learning Outcome: 01.04 Determine the total calories (kcal) of a food or diet using the weight and calorie content of the*



*energy-yielding nutrients, convert English to metric units, and calculate percentages, such as percent of calories from fat in a diet.*

*Section: 01.04 What Are Your Sources of Energy*

*Topic: Nutrition computations*

## **True / False Questions**

56. Long-term consequences of eating disorders include heart irregularities, gastrointestinal dysfunction, and bone loss.

**TRUE**

*Blooms Level: 2. Understand*

*Learning Outcome: 01.08 Identify food and nutrition issues relevant to college students.*

*Section: 01.08 Nutrition and Your Health: Eating Well in College*

*Topic: Nutrition basics*

## **Multiple Choice Questions**

57. When the cells of the \_\_\_\_\_ are stimulated, the desire to eat subsides.

- A. satiety center of the brain
- B. feeding center of the brain
- C. pancreas
- D. tastebuds of the tongue

*Blooms Level: 2. Understand*

*Learning Outcome: 01.01 Describe how our food habits are affected by the flavor, texture, and appearance of food; routines and habits; early experiences and customs; advertising; nutrition and health concerns; restaurants; social changes; and economic, as well as physiological processes affected by meal size and composition.*

*Section: 01.01 Why Do You Choose the Food You Eat*

*Topic: Hunger and appetite*

58. A \_\_\_\_\_ is generally a fake medicine used to disguise the treatments of participants in an experiment.

- A. hypothesis
- B. placebo
- C. control
- D. case

*Blooms Level: 1. Remember*

*Learning Outcome: 01.05 Understand the scientific method as it is used in developing hypotheses and theories in the field of nutrition, including the determination of nutrient needs.*

*Section: 01.05 How Do We Know What We Know About Nutrition*

*Topic: Scientific method*

59. Which of the following most accurately describes the term *epidemiology*?

- A. A test made to examine the validity of an educated guess
- B. An educated guess by a scientist to explain a phenomenon
- C. A study of how disease rates vary among different population groups
- D. An explanation for a phenomenon that has numerous lines of evidence to support it

*Blooms Level: 1. Remember*

*Learning Outcome: 01.05 Understand the scientific method as it is used in developing hypotheses and theories in the field of nutrition, including the determination of nutrient needs.*

*Section: 01.05 How Do We Know What We Know About Nutrition*

*Topic: Scientific methoo*

60. Which of the following accurately describes the term *hypothesis*?

- A. A test made to examine the validity of an educated guess
- B. An educated guess by a scientist to explain a phenomenon
- C. A study of how disease rates vary among different population groups
- D. An explanation for a phenomenon that has numerous lines of evidence to support it

*Blooms Level: 1. Remember*

*Learning Outcome: 01.05 Understand the scientific method as it is used in developing hypotheses and theories in the field of nutrition, including the determination of nutrient needs.*

*Section: 01.05 How Do We Know What We Know About Nutrition*

*Topic: Scientific methoo*

61. Over the past 50 years, rates of \_\_\_\_\_ have declined among American adults.

- A. death from cardiovascular disease
- B. obesity
- C. cardiovascular disease
- D. diabetes

*Blooms Level: 1. Remember*

*Learning Outcome: 01.07 Describe a basic plan for health promotion and disease prevention, and what to expect from good nutrition and a healthy lifestyle.*

*Section: 01.07 What Can You Expect from Good Nutrition and a Healthy Lifestyle*

*Topic: Demographic trends and statistics*

## True / False Questions

62. The health status of "baby boomers" appears lower than that of the previous generation.

TRUE

*Blooms Level: 5. Evaluate*

*Learning Outcome: 01.06 List the major characteristics of the North American diet, the food habits that often need improvement, and the key "Nutrition and Weight Status" objectives of the Healthy People 2020 report.*

*Section: 01.06 What Is the Current State of the North American Diet and Health*

*Topic: Demographic trends and statistics*

## Multiple Choice Questions

63.

In the \_\_\_\_\_ experimental design, neither the participants nor the researchers are aware of each participant's assignment (test or placebo) or the outcome of the study until it is completed.

- A. animal model
- B. case control
- C. double-blinded**
- D. clinical trial

*Blooms Level: 2. Understand*

*Learning Outcome: 01.05 Understand the scientific method as it is used in developing hypotheses and theories in the field of nutrition, including the determination of nutrient needs.*

*Section: 01.05 How Do We Know What We Know About Nutrition*

*Topic: Scientific method*