

Name: _____

CHAPTER 01—OVERVIEW OF FOOD SCIENCE

True / False

1. The food industry is divided into four major segments: production, manufacturing and processing, distribution, and marketing.

- a. True
- b. False

ANSWER: True

POINTS: 1

REFERENCES: PARTS OF THE FOOD INDUSTRY

2. As income rises, the proportion spent for food rises.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: TRENDS

3. Science is becoming more involved in food production as new food products and safe foods require new food-processing methods and systems.

- a. True
- b. False

ANSWER: True

POINTS: 1

REFERENCES: ALLIED INDUSTRIES

4. Specialty and gourmet stores stock many international foods such as beef from Europe, cheeses from Australia, apples from Mexico, and strawberries from Argentina.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: INTERNATIONAL ACTIVITIES

5. Health, food safety, and changes in lifestyle influence what foods people choose to consume.

- a. True
- b. False

ANSWER: True

POINTS: 1

REFERENCES: RESPONSIVENESS TO CHANGE

6. Food is a global commodity because of changes in export and import laws, transportation, and processing and communication.

- a. True
- b. False

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ANSWER: True

POINTS: 1

REFERENCES: SUMMARY

7. Since 1990 fresh and frozen fruit consumption has increased about 24 percent.

- a. True
- b. False

ANSWER: True

POINTS: 1

REFERENCES: RESPONSIVENESS TO CHANGE

8. The total amount of food consumed by each individual (per capita food consumption) changes from year to year but the kinds of foods consumed seldom change.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: RESPONSIVENESS TO CHANGE

9. Food industry firms form two basic types of vertical coordination: closed production and horizontal integration.

- a. True
- b. False

ANSWER: False

POINTS: 1

REFERENCES: ALLIED INDUSTRIES

10. Today's consumers more often combine meals with time engaged in activities such as shopping, working, and traveling.

- a. True
- b. False

ANSWER: True

POINTS: 1

REFERENCES: TRENDS

Multiple Choice

11. Americans spend only about _____ percent of their personal consumption expenditures for food to be eaten at home.

- a. 10
- b. 6
- c. 5
- d. 3

ANSWER: b

POINTS: 1

REFERENCES: TRENDS

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12. Away-from-home meals and snacks now capture _____ percent of the U.S. food dollar.

- a. 45 b. 30
- c. 60 d. 50

ANSWER: a

POINTS: 1

REFERENCES: TRENDS

13. Food is a(n) _____ commodity.

- a. international b. national
- c. local d. state

ANSWER: a

POINTS: 1

REFERENCES: INTERNATIONAL ACTIVITIES

14. The United States is the largest exporter of which two items?

- a. milk and sugar b. oranges and apples
- c. potatoes and carrots d. cereal grains and soybeans

ANSWER: d

POINTS: 1

REFERENCES: INTERNATIONAL ACTIVITIES

15. Over _____ new food products are introduced each year.

- a. 10,000 b. 5,000
- c. 20,000 d. 30,000

ANSWER: a

POINTS: 1

REFERENCES: RESPONSIVENESS TO CHANGE

16. In less developed countries, such as Kenya and the Philippines, at-home food expenditures often account for more than _____ of a household's budget.

- a. 10 percent b. 20 percent
- c. 30 percent d. 40 percent

ANSWER: d

POINTS: 1

REFERENCES: TRENDS

17. Because the food industry is high volume and low markup, small losses anywhere along the chain can mean large losses to the food _____.

- a. manufacturer b. producer
- c. processor d. distributor

ANSWER: b

POINTS: 1

REFERENCES: INTERRELATED OPERATIONS

Name: _____ Class: _____ Date: _____

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18. A single firm controlling the flow of a commodity across two or more stages of food production is called _____.

- a. vertical integration
- b. contract production
- c. open production
- d. closed production

ANSWER: a

POINTS: 1

REFERENCES: ALLIED INDUSTRIES

19. Since 1990 red meat consumption has _____.

- a. declined 10 percent
- b. increased 15 percent
- c. declined 16 percent
- d. increased 30 percent

ANSWER: c

POINTS: 1

REFERENCES: RESPONSIVENESS TO CHANGE

20. Americans consume an estimated _____ calories more per person per day than they did 40 years ago.

- a. 320
- b. 700
- c. 580
- d. 460

ANSWER: d

POINTS: 1

REFERENCES: TRENDS

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