

Hospitality and Tourism

Hospitality Services

Multiple Choice Science Assessment Questions



All science problems address TEKS 130.228. Hospitality Services.

Hospitality Services. (8) The student reviews the importance of health, safety, and environmental management systems in organizations and their importance to organization performance and regulatory compliance. The student is expected to:

- (A) determine local safety and sanitation requirements

Biology. (10) Science concepts. The student knows that biological systems are composed of multiple levels. The student is expected to:

- (A) describe the interactions that occur among systems that perform the functions of regulation, nutrient absorption, reproduction, and defense from injury or illness in animals

Assessment Questions

1. Disinfectants are
 - a. Substances that will block the entry of pathogens into the body
 - b. Substances that act as a drying agent
 - c. Antimicrobial substances used on nonliving surfaces
 - d. Antimicrobial substances that can be used on the skin

2. Antiseptics are
 - a. Substances that will block the entry of pathogens into the body
 - b. Substances that act as a drying agent
 - c. Antimicrobial substances used on nonliving surfaces
 - d. Antimicrobial substances that can be used on the skin

3. The instrument used to sterilize equipment and supplies through the use of high-pressure steam
 - a. Autoclave
 - b. Ultrasonication
 - c. Dishwasher
 - d. Dry heat oven

4. _____ is used to remove or kill disease-causing organisms on skin or living tissues.
 - a. Antiseptic
 - b. Disinfectant
 - c. Pathogens
 - d. deodorizers

Hospitality Services. (9) The student understands roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment. The student is expected to:

(B) evaluate prepared foods for quality and presentation to set quality standards in accordance with company standards

(C) practice basic nutrition skills by planning, preparing, and presenting quality foods

Biology. (9) Science concepts. The student knows the significance of various molecules involved in metabolic processes and energy conversions that occur in living organisms. The student is expected to:

(A) compare the structures and functions of different types of biomolecules, including carbohydrates, lipids, proteins, and nucleic acids

5. Which statement below best describes the function of lipids?
 - a. They are an energy source that is an important component of the cell membrane and aid in the digestion of vitamins A,D,E,K
 - b. They are responsible for building, maintaining and regulating tissues
 - c. They function as the body's primary energy source and provide bulk to our diet
 - d. They serve various purposes such as regulating calcium in the blood, maintaining healthier immune and nervous systems and helping in the blood clotting process

6. Which statement below best describes the function of carbohydrates?
- They are an energy source that is an important component of the cell membrane and aid in the digestion of vitamins A,D,E,K
 - They are responsible for building, maintaining and regulating tissues
 - They function as the body's primary energy source and provide bulk to our diet
 - They serve various purposes such as regulating calcium in the blood, maintaining healthier immune and nervous systems and helping in the blood clotting process
7. Which statement below best describes the function of proteins?
- They are an energy source that is an important component of the cell membrane and aid in the digestion of vitamins A,D,E,K
 - They are responsible for building, maintaining and regulating tissues
 - They function as the body's primary energy source and provide bulk to our diet
 - They serve various purposes such as regulating calcium in the blood, maintaining healthier immune and nervous systems and helping in the blood clotting process
8. Which statement below best describes the function of vitamins?
- They are an energy source that is an important component of the cell membrane and aid in the digestion of vitamins A,D,E,K
 - They are responsible for making up the cell walls of animal cells
 - They function as the bulk of our diet
 - They serve various purposes such as regulation of calcium in the blood, maintaining healthier immune and nervous systems and helping in the blood clotting process
9. Which nutrient is the body's main source of energy?
- Lipids
 - Proteins
 - Minerals
 - Carbohydrate
10. Digestion of carbohydrates begin in the
- Mouth
 - Stomach
 - Small intestine
 - Large intestine

Answer Key

- 1) C
- 2) D
- 3) A
- 4) A
- 5) A
- 6) C
- 7) B
- 8) D
- 9) D
- 10) A