Assessments

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Name/C	ode Number:
You may	use a code instead of your name – please be sure to use the same code on your post-assessment.
Please se	elect the <u>BEST</u> answer to each of the questions below.
1.	How do bacteria reproduce?
	a. Through spore formation
	b. Through binary fission
	c. Through transduction and meiosis
	d. Through meiosis, genetic exchange, and mitosis
2.	What do bacteria require to grow?
	a. Time to grow and optimum temperature
	b. Nutrients such as glucose and optimum pH .
	c. Time, temperature, nutrients, optimum pH and moisture
	d. Time to grow and nutrients such as glucose
3.	What are the "4 Cs of Food Safety" that are used to control bacteria?
	a. Cook, Cut, Clean, Combat cross-contamination
	b. Cook, Chill, Clean, Combat cross-contamination
	c. Cook, Chill, Combat BAC, Combat cross-contamination
	d. Cover food, Chill, Clean, Combat BAC
4.	What effect does chilling food have on bacteria?
	a. It kills the bacteria by breaking down their cells.
	b. It slows the growth of the bacteria by slowing their metabolism.
	c. It removes bacteria from hands and surfaces.
	d. It prevents the spread of bacteria from one surface to another.
5.	Are all bacteria harmful?
	a. Yes, bacteria are pathogens and they can cause serious illnesses.
	b. Yes, given the proper environment, all bacteria can cause damage.
	c. No, while some bacteria are pathogenic, others are necessary for our health.
	d. No, bacteria that have been treated with disinfectants are no longer harmful.
6.	What path does food generally take along the Farm-To-Table Continuum?
	a. Farm-Processing-Transportation-Table-Retail
	b. Farm-Transportation-Processing-Retail-Table
	c. Farm-Processing-Transportation-Retail-Table
	d. Farm-Transportation-Retail-Table-Processing

- Which of these is an example of competitive exclusion? a. Over time, bacteria are evolving to become more antibiotic resistant due to overuse of the medications. b. Pathogenic bacteria, such as Salmonella, are being killed with strong disinfectants that are being used on the farms. c. Beneficial bacteria are able to colonize on young chicks, preventing pathogenic bacteria, such as Salmonella, from infecting the chickens. d. Livestock that are able to survive infections of pathogenic bacteria are allowed to breed and reproduce. Compost may contain animal feces (manure). Which treatment used in composting makes it safe to use animal manure that may contain E.coli O157.H7 and other harmful bacteria to fertilize croplands to produce lettuce, radishes, strawberries, watermelons, etc.? a. Drying the compost to dust-like particles to kill the bacteria b. Treating the compost to generate heat to kill the bacteria. c. Using sterilization chemicals to kill the bacteria. d. Using sunlight to kill the bacteria. Which of these statements is **true** about *milk*? 9. a. All milk must be refrigerated at temperatures below 40 degrees. b. Ultra-High-Temperature Pasteurized (UHT) milk can be stored at room temperature for up to 90 days. c. Pasteurized milk does not contain any microorganisms. d. Pasteurizing milk is unhealthy, as it destroys essential amino acids. 10. _____ Which of these statements about pasteurized and unpasteurized juices is true? a. Freezing unpasteurized juices destroys bacteria. b. It is possible to tell the difference between pasteurized juice and unpasteurized juice just by looking at it. c. Pasteurizing juices helps to keep us safe from foodborne pathogens. d. Unpasteurized juice is perfectly safe as long as it is used within 2-3 weeks after juicing. 11. _____ A foodborne pathogen is a. Any microorganism found in food for human consumption b. Any microorganism that can cause illness in humans c. Any microorganism found in food that can cause illness or harm to humans d. Probiotics that are found naturally in raw foods that keep us healthy
- 12. ____ What is the "Danger Zone"?
 - a. The temperature at which foods can safely be held.
 - b. The temperature range in which bacteria can grow.
 - c. A downloadable app about food safety.
 - d. The area of the grocery store that contains high calorie foods.

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13.		What is pasteurization?
	a.	A process that filters harmful bacteria from foods
	b.	The process of super-freezing to destroy bacteria
	c.	The process of creating probiotics in dairy products
	d.	A heating/cooling process to destroy pathogenic microorganisms
14.		_ Which of the statements below is an important technique to avoid cross contamination?
	a.	Always keep raw meats on a top shelf in the refrigerator.
	b.	Use a clean cutting board at the beginning of preparing a meal and wipe it off with a paper towel before using it for new or cooked items.
	c.	At the market, ensure that raw meats are bagged separately from other items, such as fresh produce or precooked meats.
	d.	Keep a sponge by the kitchen sink, and use to frequently wipe all surfaces.
15.		_ How long can leftover foods safely be left out at room temperature?
	a.	2 hours
	b.	20 minutes
	c.	
	d.	6 hours
16.		_ Which of these is the most common source of food contamination in restaurants?
	a.	Improper hand washing practices
	b.	Dirty silverware or dishes
	C.	Food cooked to the wrong temperature
	d.	Hair not tied back properly
17.		What is the best way to ensure that hamburger patties are free of harmful bacteria?
	a.	Purchase ground beef from a high end market and look for the USDA symbol.
		Cook the ground beef until there is no pink visible.
		Use a meat thermometer to ensure internal temperatures are at least 160°F.
	d.	Use a meat thermometer to ensure internal temperatures are at least 140°F.
18.		For how long should a person wash his/her hands with soap and hot water?
	a.	At least 20 seconds
	b.	It depends on how dirty his/her hands look
	c.	It depends on how busy the person is and how long it has been since the last hand washing
	d.	

19.		Which of the following does <u>not</u> hinder an outbreak investigation?	
		a. People's memory of what they ate a few days ago	
	b.	b. Disposal of perishable foods	
	c.	c. Multi-state food distribution	
	d.	d. DNA profile of foodborne pathogens	
20.		Which of these "12 Most Unwanted Bacteria" is properly paired with a food	with which it is
		st commonly associated?	
		a. Salmonella – bread past its 'Use by' date	
		b. Vibrio-cholera – soft cheeses	
	с.	c. Campylobacter jejuni – undercooked shellfish	
	d.	d. E-coli 0157-H7 – Undercooked ground beef	
21.		Which of these items are required on the Nutrition Foods label?	
		a. Serving Size, Saturated Fat, Unsaturated Fat, and Calcium	
		b. Serving Size, Calories per serving, Dietary Fiber, and Calcium	
	c.	c. Serving Size, Calories per serving, Saturated Fat, and Unsaturated Fat	
	d.	d. Calories per serving, Saturated Fat, Monounsaturated Fat, and Polyunsaturate	d Fat
22		Which of the following combinations are nutrients "to get more of"?	
22.		a. Vitamin A, Vitamin D, Dietary Fiber, and Potassium	
		b. Vitamin A, Vitamin C, Vitamin D, and Saturated Fat	
		c. Protein, Vitamin A, Vitamin D, and Calcium	
		d. Protein, Vitamin A, Vitamin D, and Saturated Fat	
	a.	d. Protein, Vitamin A, Vitamin D, and Saturated Fat	
23.		What is the recommended daily limit for sodium?	
		a. 4800 mg	
		b. 3200 mg	
		c. 2300 mg	
		d. 1200 mg	
24.		Essential fatty acids that the body cannot produce and must be obtained throu	ugh food are a
	kind	d of	
	a.	a. Cholesterol	
	b.	b. Saturated Fatty Acid	
	c.	c. Monounsaturated Fatty Acid	
	d.	d. Polyunsaturated Fatty Acid	
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25.		On a daily basis, the <i>Dietary Guidelines for Americans</i> recommends consuming	
	a.	a. 10 % of daily calories from added sugars and less than 10% of daily calories from	
	b.	b. 20 % of daily calories from added sugars and less than 10% of daily calories fro	
	c.	c. 10 % of daily calories from added sugars and less than 20% of daily calories fro	m saturated fats
	d.	d. 20 % of daily calories from added sugars and less than 20% of daily calories fro	m saturated fats