Chemistry G11Q4.W1-Biochemistry-Test

Multiple Choice

Identify the choice that best completes the statement or answers the question.

	In animals, excess glucose is stored in the liver and muscles as						
	a. glyc	ogen	c.	starch			
	b. chiti	n	d.	cellulose			
	2. Which is	the correct sequence for the three step	os of	respiration?			
		olysis, the tricarboxylic acid cycle, ele					
		d. the tricarboxylic acid cycle, electron transport chain, glycolysis					
	3. The total	The total of all chemical reactions necessary for the life of an organism is					
		olysis	c.	digestion			
		iration	d.	metabolism			
		building blocks of proteins are					
		acids	 c.	amino acids			
	b. suga		d.	glycerols			
	e						
	 5. Which of the following is not true about cholesterol? a. Exercise and stress affect cholesterol levels. 						
		A molecule contains sugar-phosphate chains and base pairs of cytosine-guanine and uracil-adenine. The					
	6. A molecule contains sugar-phosphate chains and base pairs of cytosine-guanine and uracil-adenin molecule is						
	a. DNA		c.	RNA			
		nzyme	d.	a vitamin			
		A carbohydrate that contains 24 hydrogen atoms contains oxygen atoms.					
	a. 6	,	с.	24			
	b. 48		d.	12			
	3. Which of	Which of the following elements is not found in proteins?					
	a. sodium c. sulfur						
	b. nitro		d.	hydrogen			
		ng of amino acids by peptide bond for					
	a. protein synthesis c. biochemistry						
	-	position	d.	organic chemistry			
1	-	ein that transports substances through					
	-	oglobin	c.	an enzyme			
	b. kera	0	d.	collagen			
1				formed.			
	· ·	no acids	c.				
	b. oxyg		d.	water			
1	10						
	•	Which of the following might be the number of oxygen atoms in a lipid that contains 30 hydrogen atoms? a. 30 c. 60					
	a. 30 b. 6		c. d.	15			
	0. 0		u.	15			

Name: _____

13.	Which of the following is not contained in	a nucle	ic acid?			
	a. simple sugar	c.	-			
	b. nitrogen-containing base	d.	phosphate group			
14.	Which of the following vitamins is most likely to be removed from a food by boiling the food?					
	a. vitamin C		vitamin D			
	b. All will be removed.	d.	vitamin A			
15. often results in the loss of biological activity of polypeptides.						
	a. Denaturation		Peptide bonding			
	b. Enzyme action		Substrating			
16.	-					
 	Antibodies that fight disease organisms are a. enzymes		lipids			
	b. carbohydrates	d.	proteins			
17.		hate groups are called .				
	a. RNA		ATP			
	b. DNA	d.	ADP			
 18. Which of the following elements is not essential in the makeup of body cells?						
	a. oxygen	c.	carbon			
	b. magnesium	d.	nitrogen			
 19. The oxidation of fuel that releases energy needed by cells is						
	a. metabolism	c.	glycolysis			
	b. digestion	d.	respiration			
 _ 20. Cells sometimes generate energy in the absence of oxygen in a process called						
	a. glycolysis	c.	digestion			
	b. fermentation	d.	respiration			
 21.	The wax applied to the paint of a car is an example of a					
	a. protein	c.	lipid			
	b. steroid	d.	carbohydrate			
 22.	Carbon dioxide is a product of					
	a. evaporation	c.	alcoholic fermentation			
	b. digestion	d.	lactic acid fermentation			

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