Exam

https://selldocx.com/products/test-bank-anatomy-and-physiology-for-emergency-care-2e-bledsoe

1)	are a type of	subatomic particle contain	ed in atoms.		1)	
,	A) Neutrons	B) Electrons	C) Protons	D) All of the above	· -	
2) A	subatomic particle v	vith a positive electrical cha	arge is called a(n):		2)	
	A) neutron.		B) proton.		-	
	C) electron.		D) None of the above			
3) A	A(n) is a subatomic particle with a negative charge.					
	A) neutron		B) electron		-	
	C) proton		D) None of the above			
4) Th	ne atomic number of	an atom is its total number	of:		4)	
	A) neutrons.		B) protons and electron	ons.	-	
	C) protons and neut	rons.	D) protons.			
5) Tł	ne mass number of a	n isotope is its total numbe	r of:		5)	
	A) neutrons and ele	ctrons.	B) protons and neutro	ons.	-	
	C) electrons.		D) protons.			
6)	are atoms or molecules with an electric charge.					
	A) Ions	B) Anions	C) Cations	D) All of the above	•	
7)	are chemical bonds created by the electrical attraction between anions and cations.					
	A) Hydrogen bonds		B) Sodium bonds		•	
	C) Covalent bonds		D) Ionic bonds			
8) Cl	hemical bonds create	d by the sharing of electroi	ns with other atoms are call	ed:	8)	
	A) sodium bonds.		B) ionic bonds.		•	
	C) covalent bonds.		D) hydrogen bonds.			
9)	is the energy	of motion.			9)	
	A) Work		B) Potential energy		-	
	C) Kinetic energy		D) None of the above			
0)	is stored ene	rgy.			10)	
	A) Work		B) Potential energy		-	
	C) Kinetic energy		D) None of the above			
1)	is a form of c	lecomposition reaction.			11)	
	A) Catabolism	B) Digestion	C) Hydrolysis	D) All of the above		
2)	assembles larger molecules from smaller components.					
	A) Dehydration synthesis		B) Anabolism		12)	
	C) A synthesis react		D) All of the above			

13)	is the amount of e	energy required to start	a reaction.		13)		
	A) Activation energy		B) Potential energy				
	C) Beginning energy		D) None of the above				
	. 6 6 6		ŕ				
111	are compounds th	ant accolorate chemical r	coactions without themselve	s hoing pormanontly	14)		
		are compounds that accelerate chemical reactions without themselves being permanently anged. Enzymes are an example of these compounds.					
				D) All of the charte			
	A) Colloids	B) Crystalloids	C) Catalysts	D) All of the above			
15)	Reactions that release energy	y are said to be:			15)		
	A) inderogenic.	B) exerogenic.	C) anderogenic.	D) enderogenic.			
16)	Reactions that absorb energy	v are said to be			16)		
10)	A) anderogenic.	B) enderogenic.	C) inderogenic.	D) exerogenic.			
	A) anderogenic.	b) enderogenic.	C) Inderogenic.	D) exerogeriic.			
17)	are the essential e	lements and molecules			17)		
	A) Metabolites		B) Nutrients				
	C) Both A and B.		D) None of the above				
12)	Molecules synthesized or h	rokan down by chamics	al reactions inside our body	are called:	18)		
10)	A) nutrients.	TORCH down by chemica	B) metabolites.	arc canca.			
	•		•				
	C) Both A and B.		D) None of the above.				
19)	are compounds th	nat stabilize pH by eithe	er removing or replacing hyd	Irogen ions.	19)		
	A) Carbohydrates	B) Electrolytes	C) Catalysts	D) Buffers	-		
20)	Fat is the combination of fa	tty acids and			20)		
_0,	A) cholesterol.	B) steroids.	C) glycerol.	D) glycogen.			
	7 y difficulture of	b) storolds.	o, grycoron	D) giyoogon.			
04)) Sodium, potassium, calcium, and magnesium are examples of:						
21)				5)	21)		
	A) lipids.	B) proteins.	C) cations.	D) anions.			
22)	Sulfate, biphosphate, bicark	oonate, and chloride are	examples of:		22)		
,	A) lipids.	B) cations.	C) proteins.	D) anions.	·		
	, ,	,	, ,	,			
221	Atoms of an alamont that as	antain different number	es of politrops are:		22)		
23)	Atoms of an element that co	ontain dinerent number			23)		
	A) neutral elements.		B) natural elements.				
	C) isotopes.		D) mass elements.				
24)	Surface tension is an examp	ole of what kind of chem	nical bond?		24)		
	A) Hydrogen	B) Covalent	C) Ionic	D) Sodium			
	, , ,	•	•	,			
3E)	A reaction where molecules	s are shuffled around s	uch as AB + CD →AD + CB,	is called a what?	25)		
23)	A) Synthesis reaction	s are snamed around, s	B) Reversible reaction	is called a What!			
		a. m	•				
	C) Decomposition reaction	UII	D) Exchange reaction				
26)	is when the rates	of two reactions are in b	palance.		26)		
	A) Reversible		B) Equal balance				
	C) Equilibrium		D) None of the above				

	27) What reaction breaks m	27)				
	A) Exchange reaction B) Reversible			tion	-	
	C) Decomposition re		D) Synthesis reacti			
	o,p		_, -j			
	20) 1				20)	
	28) Inorganic compounds d			_,	28)	
	A) sulfur	B) magnesium	C) carbon	D) oxygen		
	29) What is a uniform mixture of fluid solvent and dissolved solutes called?					
	A) A solvent liquid		B) A hydrolized fl	uid	29)	
	C) A solution		D) None of the abo			
	C) A solution		D) None of the abe	700		
	30) Which is the organic mo				30)	
	Examples of this organi	c molecule include the sug	ars and starches that m	ake up roughly half of the		
	typical U.S. diet.					
	A) Polysaccharide		B) Lipid			
	C) Carbohydrate		D) Monosaccharid	e		
	, ,		,			
			t.t			
KUI	E/FALSE. Write 'T' if the sta	tement is true and F ii th	e statement is raise.			
	31) Water is an excellent so	lvent			31)	
	31) Water is all executer 30	iverit.				
	32) Water has a very low he	eat capacity.			32)	
	33) Water is not an essentia	I reactant in the chemical r	eactions of living organ	nisms.	33)	
	50) Water is not an essential reactant in the enemical reactions of inving organisms.					
	34) An acid is any substanc	a that breaks apart in solut	ion and releases budge	gon ions	24)	
	34) All acid is ally substanc	e that breaks apart in solut	ion and releases mydrog	gen ions.	34)	
	35) A base is a substance th	at removes hydrogen ions	from a solution.		35)	
	36) Energy cannot be destro	oved: it can only be convert	ted from one form to an	nother	36)	
	oo, Energy curriet be destre	by ear, it carrothly be convent	ica ii oiii oiic ioiiii to ui			
	a=\ =.				0=)	
	37) The number of electrons	s in an atom's outer shell d	etermines its chemical j	oroperties.	37)	
	38) Salt dissolves into sodiu	ım and chloride, the most a	abundant ions in body f	fluids.	38)	
			•			
	20) Triglycoridos aro the ray	rost forms of fat in the had			39)	
	39) Triglycerides are the rai	est forms of fat in the body	у.		J7)	
	40) Testosterone and estrog	en are examples of steroid	S.		40)	

Answer Key

Testname: UNTITLED3

- 1) D
- 2) B
- 3) B
- 4) D
- 5) B
- 6) D
- 7) D
- 8) C 9) C
- 10) B
- 11) D 12) D
- 13) A
- 14) C
- 15) B
- 16) B
- 17) B
- 18) B
- 19) D
- 20) C
- 21) C
- 22) D
- 23) C
- 24) A
- 25) D
- 26) C
- 27) C
- 28) C
- 29) C
- 30) C
- 31) TRUE
- 32) FALSE
- 33) FALSE
- 34) TRUE
- **35) TRUE** 36) TRUE
- 37) TRUE
- 38) TRUE
- 39) FALSE
- 40) TRUE