Name:		Class:		Date:	ID: G
Chap	ter	1 and 2 Test with lab equipment and h	aza	ards	
		a practice test to help you get ready eed to also go back and study your le		•	l worksheets.
3. You 4. I w	u w ill n	ill need your own pencil for the test. not answer questions about the pract s answered early.			
True/F Indicat		eether the statement is true or false.			
	1.	The earth is an open system to matter.			
	2.	Energy is input from the sun and radiates out in	ito s	pace.	
	3.	Matter cycles between living and nonliving thir	ıgs.		
	4.	New matter can reach the earth.			
Multip Identify	y the	hoice choice that best completes the statement or answ Which of the following CANNOT be class		-	
		<ul><li>a. Gold</li><li>b. Table Salt</li></ul>	c. d.	Nitrogen Corrosion	
	6.	Which of the following processes do <b>NOT</b> <ul><li>a. Boiling</li><li>b. Rusting</li></ul>	invo c. d.	olve a change in chemical prop Burning Fermenting	erties?
	7.	The left hand side of a reaction is called the a. Reactants	_	Products	
		The study of the composition and structure <ul><li>a. Biology</li><li>b. Chemistry</li></ul> <li>A mixture can either be:</li>	of r c. d.	natter is the domain of which f Physics Geology	ield of science?
	9.	a. Heterogeneous or Homogeneous	b.	An element or a compound	
	10.	All of the following changes to a metal are <ul><li>a. Rusting</li><li>b. Cutting</li><li>c. Melting</li></ul>	phy d. e.	sical changes <b>EXCEPT</b> Bending Polishing	
	11.	Matter is defined as anything that		·	
	1.0	<ul><li>a. has a definite volume.</li><li>b. has mass and takes up space</li></ul>	c. d.	can be weighed on a balance. has a fixed volume and weigh	
	12.	<ul><li>All of the following are physical properties</li><li>a. melting Point</li><li>b. mass</li></ul>	of 1 c. d.	matter EXCEPTexplosiveness luster	_·

	One difference between a mixture and a ca. a mixture must be uniform in	c.	
	composition		its components by chemical means
	b. a compound can only be separated into its components by chemical	d.	a compound is made up of more than one phase
	means		
14.	A friend observes a burning candle and c the candle burns. Your friend's commen		ents that the <u>matter is lost</u> because the wax is gone as
	a. True	b.	False
_ 15.	Which of the following is true for all che	mical	reactions (law of conservation of mass)?
_	a. The mass of the products is less than the	c.	The mass of the products is equal to the
	mass of the reactants		mass of the reactants
	b. The mass of the products is greater than the mass of the reactants		
16.	Which of the following is often easily sep	oarate	d into its components by techniques such as filtering
_	or decanting?	•	
	a. Compounds	c.	Heterogeneous mixture
	b. Homogeneous mixture	d.	Elements
17.	Which law best describes that energy is r	either	created nor destroyed?
	a. law of conservation of matter	b.	law of thermodynamics
18.	Which of the following materials is a pur	e subs	stance?
	a. Air	d.	Hardness
	<ul><li>b. Carbon</li><li>c. Gasoline</li></ul>	e.	Color
19.	Which of the following is a homogeneou	s mixt	ture?
	a. Raisin Bread	d.	Beef Stew
	b. Sand and water	e.	Soil
	c. Soda		
20.	Which of the following is <b>NOT</b> a pure su		
	a. Apple juice		Liquid Oxygen
	b. Water		Liquid Helium
21.	Which state of matter is characterized by		
	a. Solid	C.	
	b. Liquid	d.	Bose-Einstein Condensate
. 22.	· · · · · · · · · · · · · · · · · · ·	-	of which of the following types of in substances?
	a. Changes in Volume		Changes in Location
	<ul><li>b. Changes in Shape</li><li>c. Changes in Composition</li></ul>	e.	Changes in Location
22	Which state of matter is compressible?		
23.	a. Solid	d.	Gas
	b. Condensate	e.	Colloid
	c. Liquid		

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 24.	Sublimation is		
	a. a chemical change in which a solid	c.	a physical change in which a liquid
	changes to a gas		changes to a gas
	b. a chemical change in which a liquid	d.	a physical change in which a solid
	turns to a solid		turns to a gas
 25.	Separating a solid from a liquid by evaporat	ing	the liquid is called
		c.	Emulsification
	b. Distillation	d.	Theorizing
 26.	Which piece of equipment holds a crucible a	and	lid over a flame?
	a. ring stand	c.	pipe stem triangle
	b. ring clamp	d.	buret clamp
 27.	Which of the following is a heterogeneous n	nixt	ure?
	8	c.	steel
	b. salt water	d.	soil
 28.	What is the process when a gas changes into	a 1	iquid?
		d.	Melting
	1	e.	Elevation
	c. Condensation		
		61	
 29.	What is the proper name for this piece		
		c.	Tongs
	b. Tweezers	d.	Forceps
 30.	We read a graduated cylinder from the botto	m c	
	a. mensicus	b.	water line
 31.	What piece of equipment holds various clam	nps?	?
	a. Ring stand	c.	Test tube clamp
	b. Ring clamp	d.	Pipe stem triangle

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	32.	What is the correct name of the	is pi	ece of lab equipment?			
		a. Scoopula	c.	Pneumatic Trough			
		b. Funnel	d.	Watch glass			
	33.	Which of the following display kinetic energy?		_			
		a. sleeping	c.	an apple on a tree			
		b. sitting on a bench	d.	hiking up a hill			
	34.	NaOH, sodium hydroxide, can be classified as:					
		a. an irritant	b.	a corrosive chemical			
Multiple Response Identify one or more choices that best complete the statement or answer the question.							
	35.	Which of the following are mixtures?					
		a. Salt	c.	Salad dressing			
		b. Water	d.	Cereal			
	36.	Which of the following are substances?					
		a. Helium	d.	Diet Coke			
		b. Water	e.	Mint Ice Cream			
		c. Carbon dioxide					

## **Chapter 1 and 2 Test with lab equipment and hazards Answer Section**

## TRUE/FALSE

1.	ANS:	F	PTS:	1
2.	ANS:	T	PTS:	1
3.	ANS:	T	PTS:	1
4.	ANS:	F	PTS:	1

## **MULTIPLE CHOICE**

	E CHOICE						
5.	ANS: D	PTS:	1				
6.	ANS: A	PTS:	1				
7.	ANS: A	PTS:	1				
8.	ANS: B	PTS:	1				
9.	ANS: A	PTS:	1				
10.	ANS: A	PTS:	1				
11.	ANS: B	PTS:	1				
12.	ANS: C	PTS:	1				
13.	ANS: B	PTS:	1				
14.	ANS: B	PTS:	1				
15.	ANS: C	PTS:	1				
16.	ANS: C	PTS:	1				
17.	ANS: B	PTS:	1				
18.	ANS: B	PTS:	1				
19.	ANS: C	PTS:	1				
20.	ANS: A	PTS:	1				
21.	ANS: C	PTS:	1				
22.	ANS: C	PTS:	1				
23.	ANS: D	PTS:	1				
24.	ANS: D	PTS:	1				
25.	ANS: B	PTS:	1				
26.	ANS: C	PTS:	1				
27.		PTS:	1	DIF:	L1	REF:	p. 45
	OBJ: 2.2.2						
28.		PTS:	1				
	ANS: D	PTS:	1				
30.		PTS:	1				
31.	ANS: A	PTS:	1				
32.		PTS:	1				
33.		PTS:	1				
34.	ANS: A	PTS:	1				

## MULTIPLE RESPONSE

35. ANS: C, D PTS: 1 36. ANS: A, B, C PTS: 1