Name				
MULTIPLE CHOICE. Cho	ose the one alternative that be	st completes the statement	or answers the question.	
1) An igneous rock th	at shows a vesicular texture	.		
A) appears glass	sy	B) must be course grained		
C) must be intrusive		D) contains many small holes, like Swiss ch		
2) An igneous rock th	nat cools rapidly is likely to hav	ve crystals.		
A) large	B) pink	C) small	D) medium-siz	

2) An ignoous rock that cools			D) contains many small holes, like Swiss cheese	
2) All iglicous fock that cools	rapidly is likely to have _	crystals.		
A) large	B) pink	C) small	D) medium-sized	
3) Which one of the following	is an igneous rock?			
A) rhyolite	B) limestone	C) slate	D) quartz	
4) Which one of the following	is a sedimentary rock?			
A) limestone	B) slate	C) quartz	D) rhyolite	
5) Which one of the following	is a metamorphic rock?			
A) rhyolite	B) slate	C) quartz	D) limestone	
6) Rocks that contain crystals		size and can be identified wi	th the unaided eye are said	
to exhibit a textur		C) coarce grained	D) fine grained	
A) glassy	B) porphyritic	C) coarse-grained	D) fine-grained	
7) Magma that might have co		diorite is instead erupted at I	Earth's surface. It would	
chill rapidly and produce a			5) 1	
A) rhyolite 8) Which igneous texture is ch	•	-		
8) Which igneous texture is check A) coarse-grained 9) Granite is A) fine-grained and domed B) coarse-grained and domed C) fine-grained and domed D) coarse-grained and domed D) coarse-grained and domed D) transform an igneous reaction and the coarse and domed B) chemical reactions und C) melting and recooling	naracterized by two distin B) fine-grained ninated by quartz and felcominated by quartz and felcominated olivine, pyroxene ominated by olivine, pyrock into a sedimentary rock, deposition, and lithificated for conditions of elevated, followed by crystallizations.	ctively different crystal sizes C) porphyritic Ispar crystals eldspar crystals and plagioclase feldspar crystals exene and plagioclase feldspar k, which of the following protion I temperature or pressure	? D) glassy stals ar crystals	
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A) silica B) potassium ions C) iron oxides D) clay minerals

13	3) is a weak acid that reacts to the mineral calcite.						
	A) Carbonic acid	T) 4	C) Nitric acid	D) Sulfuric acid			
14	14) Which kind of rocks are most likely to contain fossils?						
,	A) igneous	B) minerals	C) sedimentary	D) metamorphic			
15) Detrital sedimentary rocks ar	e classified and named princ	cipally on the basis of				
,	A) rock color	B) grain size	C) location	D) composition			
	•		·	•			
16)) Which rock type is most likel turbulent stream)?	y to have been deposited in	a high-energy environment	(such as a very			
	A) chert		B) microcrystalline limesto	one			
	C) conglomerate		D) shale				
17	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		do of ot ohio2				
17,) Which of the following rock t		•	D) maiss			
	A) phyllite	B) schist	C) slate	D) gneiss			
18) Limestone is dominated by th	ne mineral					
10,	A) hematite	B) gypsum	C) quartz	D) calcite			
	,	7 03 1	, 1	•			
19)) Which of the following is the	parent rock of marble?					
	A) limestone	B) granite	C) sandstone	D) basalt			
201							
20,) Mud cracks and ripple marks	are common features of					
	A) igneous rocks		B) metamorphic rocks				
	C) sedimentary rocks		D) minerals				
21) Which of the following is a no	onfoliated metamorphic rock	?				
,	A) marble	B) gneiss	C) conglomerate	D) slate			
	,	, 0	, 0	•			
22)	Obsidian is characterized by	its texture.					
	A) vesicular	B) glassy	C) fine-grained	D) course-grained			
22		11 1					
23,) Layers in sedimentary rocks		C) foliation	D) donocito			
	A) beds	B) striations	C) foliation	D) deposits			
24) A detrital sedimentary rock v	vith large angular fragments	is called a(n)				
,	A) conglomerate	B) arkose sandstone	C) breccia	D) shale			
	, 0	,	,	,			
25)) Rock salt and rock gypsum a	re examples ofsedi	imentary rocks.				
	A) biochemical	B) dented	C) organic	D) chemical			
26)	Exfoliation domes are formed	·	O 1	-			
	A) oxidation	B) melting	C) sheeting	D) metamorphism			
27) The reason we see so much m	oud and sand along the shore	e of the land is that clay mine	orals and quartz are			
<i>41</i>	at Earth's surface.	idd arid sarid alorig the short	e of the family is that clay illing	rais and quartz are			
		B) exposed	C) unstable	D) stable			