Name	Period	

Igneous Rocks

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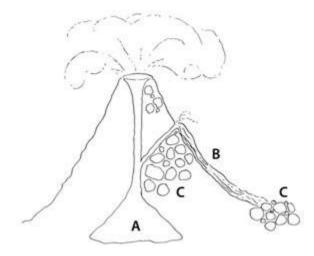
Identify the choice that best completes the statement or answers the question. Write the letter on the blank line to the left of the question.

1.	Igneous rocks form from when it cools.		
	a. magma	c.	neither a nor b
	b. lava	d.	both a and b
2.	The molten material deep inside Earth from wh	nich	igneous rocks form is called
 _,	a. magma		neither a nor b
	b. lava		both a and b
3	Lava that cools quickly forms rocks.		
 ٥.	a. intrusive igneous	С	intrusive metamorphic
	b. extrusive metamorphic		extrusive igneous
4	A rock is always .		
 ٠.	a. a mixture of minerals, organic matter, volc	anic	glass or other materials
	b. made of molten material	uiiic	Stass, or other materials
	c. formed by heat and pressure		
	d. either igneous or sedimentary		
5	When lava cools at Earth's surface, igneo	iis r	ocks are formed
 ٠.	a. coarse-grained		intrusive
	b. metamorphic		extrusive
6	When magma cools deep inside Earth, ig		
 0.	a. intrusive		detrital
	b. fine-grained		extrusive
7	Basaltic igneous rocks are .		
 ,.	a. light-colored	c	rich in iron and magnesium
	b. intrusive		both a and b
8	Rocks are formed when magma or lava .	٠.	
 0.	a. erodes	c	crystallizes
	b. undergoes radioactive decay		weathers
Q	Igneous rocks that cool slowly beneath Earth's		
 ٦.	a. extrusive		intrusive
	b. sedimentary		always magnetic
10	Igneous rocks that cool quickly on Earth's surf		· · · ·
 10.	a. metamorphic		extrusive
	b. intrusive		always magnetic
11	The rock cycle can change the sedimentary roc		
 11.	a. extrusive igneous rock	C.	neither a nor b
	b. intrusive igneous rock	d.	both a and b
12	Which is a tectonic process that forces rocks up		
 12.	a. melting		deposition
	b. crystallization		uplift
12	•		•
 13.	rocks on Earth's surface except .	roce	esses through the rock cycle. All of the following change
	a. compaction	c.	deposition
	b. weathering		melting
	o. weathering	u.	merung

	Name		Period
14.	The crystals that form in slowly cooled magma	ı pro	duce mineral grains.
	a. tiny	c.	fine-grained
	b. invisible	d.	large

Short Answer (2 points each)

Use the diagram to answer the questions.



1.	What is the difference between the substance identified as A and the substance identified as B?
2.	What does the letter C represent and why is it located both within Earth and on Earth's surface?
3.	What causes the difference in grain size between intrusive igneous rocks and extrusive igneous rocks?