Quiz #1 Variables and Observations

Nai	ne: _				Date:	
1.	stay	: Also called controlled variables-these are the things that y the same in order to have a fair investigation.			1	
	A.	qualitative observation	В.	quantitative observation		
	C.	independent variable	D.	dependent variable		
	E.	constant variables	F.	levels		
	G.	repeated trials	H.	testable question		
2.	: The ONE thing we change during an investigation.			2		
	A.	qualitative observation	В.	quantitative observation		
	C.	independent variable	D.	dependent variable		
	E.	constant variables	F.	levels		
	G.	repeated trials	H.	testable question		
3.		:What we n	neasure or c	observe to get data.	3	
	A.	qualitative observation	В.	quantitative observation		
	C.	independent variable	D.	dependent variable		
	E.	constant variables	F.	levels		
	G	repeated trials	Н	testable question		

4.		: Recorded using v	vords	s-adjectives or nouns	4.	
	A.	qualitative observation	B.	quantitative observation		
	C.	independent variable	D.	dependent variable		
	E.	constant variables	F.	levels		
	G.	repeated trials	H.	testable question		
5.			to r	make sure the results are reliable and	5.	
	accı	urate				
	A.	qualitative observation	B.	quantitative observation		
	C.	independent variable	D.	dependent variable		
	E.	constant variables	F.	levels		
	G.	repeated trials	H.	testable question		
6.				ns variables; the question is written	6.	
	in t	he format: "What is the effect of IV of	on D'	V?" or "How does IV affect DV"?		
	A.	qualitative observation	B.	quantitative observation		
	C.	independent variable	D.	dependent variable		
	E.	constant variables	F.	levels		
	G.	repeated trials	H.	testable question		

7.		the ways you are:	chans	ging your independent variable in an	7.			
	inve	estigation						
	A.	qualitative observation	B.	quantitative observation				
	C.	independent variable	D.	dependent variable				
	E.	constant variables	F.	levels				
	G.	repeated trials	H.	testable question				
8.		: Collected using a	numb	ers.	8.			
		-						
	A.	qualitative observation	В.	quantitative observation				
	C.	independent variable	D.	dependent variable				
	E.	constant variables	F.	levels				
	G.	repeated trials	H.	testable question				
9.	exa	Provide an example of a QUALITATE mple from one of our lab activities or qualitative observation.	IVE you	OBSERVATION. You may use an can make one up. Explain why this	9.			
10.	exa	Provide an example of a QUANTITA mple from one of our lab activities or a quantitative observation.			10.			

	Alaiza wanted to find out if the color of food would affect whether kindergarten children would select it for lunch. She put food coloring into 5 identical bowls of mashed potatoes. The colors were plain, red, and blue. Each child chose a scoop of potatoes of the color of their choice. Alaiza did this experiment using 100 students in kindergarten. She recorded the number of students that chose each color. 11. What is the Independent Variable?	
12.	Scenario: Kindergarten Lunch Time	12
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	12. How is the Independent Variable being changed?	
13.	Scenario: Kindergarten Lunch Time	13.
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11. Scenario: Kindergarten Lunch Time

11. ___

14.	Scenario: Kindergarten Lunch Time	14.	
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	14. How is the Independent Variable being changed?		
15.	Scenario: Kindergarten Lunch Time	15.	
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16.	Scenario: Kindergarten Lunch Time	16.	
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19.	18. What is the Dependent Variable? Scenario: Kindergarten Lunch Time	19.
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20.	20. What is the Testable Question for this experiment?	20.

17. Scenario: Kindergarten Lunch Time

17. ____

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Quiz #1 Variables and Observations 01/19/2015

1. Answer:	E		
2. Answer:	C		
3. Answer:	D		
4. Answer:	A		
5. Answer:	G		
6. Answer:	Н		
7. Answer:	F		
8. Answer:	В		
9. Answer:			
10. Answer:			
11. Answer:			
12. Answer:			
13. Answer:			
14. Answer:			
15. Answer:			
16. Answer:			
17. Answer:			
18.			
Answer:			
Answer:			
20.			

Answer: