Sample Science/Tech Answer Key

Note: Eac	n question	is worth	a total of 1	0 points	. Partial	credit ma	y be gi	iven only	as noted below.
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1.	(Physics) How many centimeters are there in a meter?							
2.	(Physics) Put the following number into Scientific notation: -315.47. -3.1547×10^{2}							
3.	(Chemistry) Carefully explain the difference between an atom and a molecule. Molecules are multiple atoms bound together chemically. Full credit if answer states that a molecule contains more than one atom. 5 points if answer mentions molecules having bonds.							
4.	(Chemistry) What is the molecular formula for table salt? NaCl No need for proper uppercase/lowercase in answer.							
5.	 (Geology) Approximately how old is the Earth? (Circle correct answer) a) 5000 years b) 5 million years c) 5 billion years d) 5 trillion years 							
6.	(Geology) Ocean currents affect weather patterns. (True or False)							
7.	(Biology) What is the name of the process through which a tadpole becomes a frog and a caterpillar becomes a butterfly? Metamorphosis							
8.	(Biology) Order the following structures from smallest to largest:							
	<u>a)</u> Cell							
	<u>c) Tissue</u>							
	<u>d)</u> Organ (largest structure)							
	3 points deducted for each term that must be moved to order answer correctly (using least moves).							
9.	(Tech) How many bytes are there in 1K bytes? 1024 5 points for 1000.							
10	(Tech) Which of the following is the most common language used for developing web pages? (Circle correct answer) a) Java b) Hypertext Markup Language c) C++							

d) Unicode