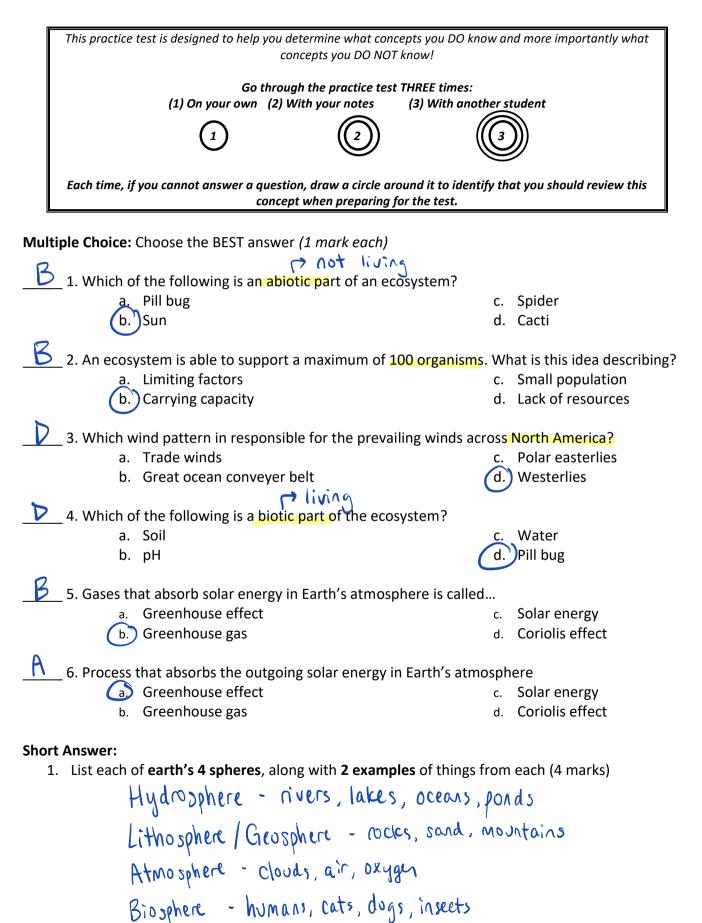
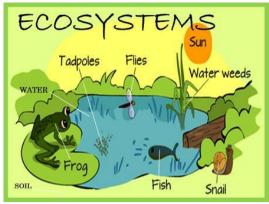
Science 9 Earth Science Practice Quiz

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2. In the following diagram, find 3 abiotic and 3 biotic factors in the ecosystem: (3 marks)

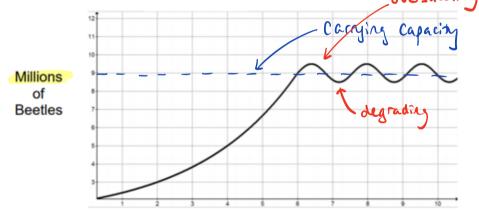


Abiotic		Biotic	
SUN	tadpole	Snail	
Water	flies	water weeds	
501	Esh		

3. How are limiting factors related to carrying capacity? (1 mark)

Limiting factors often prevent a population from reaching its carrying capacity

4. Draw a line in the graph to represent the carrying capacity. (1 mark)



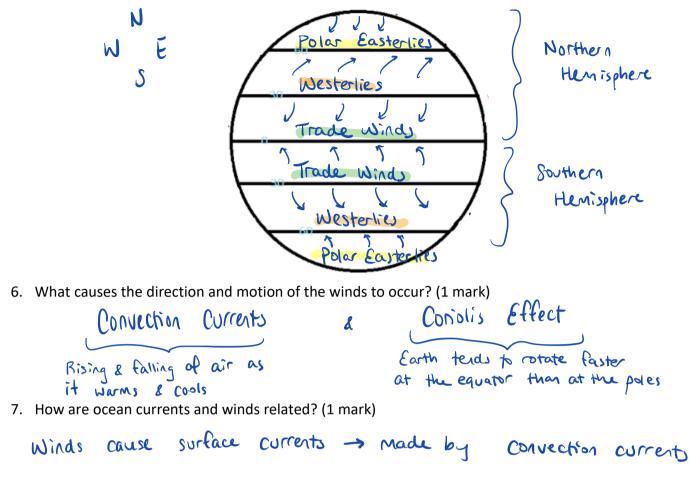
Days

a. What is the carrying capacity in this population of beetles? (1 mark)

9 million beetles

b. If the population continues to exceed the carrying capacity, what may happen over time? Be sure to explain your response. (2 marks)

It may lead to a degraded carrying capacity. Resources will start to get used up, causing the carrying capacity and population to decrease 5. Identify and label the major wind systems that are on Earth: (3 marks)



8. What major things does the Great Ocean Conveyer Belt transport around the Earth? (1 mark)

Thermal Energy, Nutrients, Deep water