

Tutorial N°1**TEST QUESTIONS: Tick the right answer.**

QCM 1: What is an ecosystem?	
A-	All the interacting organisms that live in an environment and the abiotic parts of the environment that affect the organisms.
B-	A person who observes and studies the interactions between the biotic and abiotic parts of the environment.
C-	The relationship between all the abiotic elements of a pond.
D-	The relationship between all the abiotic elements of a pond.
QCM 2: Temperature, light, air, water, soil, and climate are all _____ parts of the environment.	
A-	Biotic.
B-	Living.
C-	Abiotic.
D-	Boreal.
QCM 3: Which of the following is NOT an abiotic factor?	
A-	Humidity.
B-	Wind.
C-	Decomposer.
D-	Temperature.
E-	Light intensity.
QCM 4: A consumer is :	
A-	An organism that cannot produce its own food.
B-	An organism that produces its own food.
C-	An organism that does not need food to survive.
D-	An abiotic organism.
QCM 5: Which of the following organisms are examples of producers?	
A-	Phytoplankton and chlorophyll.
B-	Plants and phytoplankton.
C-	Phytoplankton and herbivores.
D-	Plants and consumers.
QCM 6: A food web is more realistic than a food chain for showing the feeding relationships in ecosystems because:	
A-	It compares the number of consumers to the number of micro-organisms in an ecosystem.
B-	Food chains use only a small sampling of organisms.
C-	A food web explains why there are more producers than consumers.
D-	Producers are usually eaten by many different consumers and most consumers are eaten by more than one predator.
QCM 7: An organism that creates its own food is called:	
A-	A scavenger.
B-	A carnivore.
C-	A decomposer.
D-	A producer.
QCM 8: Heterotrophs obtain energy from all of the following except:	
A-	Decomposition.
B-	Parasitism.

	C-	Other heterotrophs.
	D-	Solar radiation.
<p>QCM 9: For the food web below, what does the praying mantis represent? (Lion, Eagle, Owl, Snake, Mouse, Wild cut, Goat, Green plant and Wolf).</p>		
	A-	A primary consumer.
	B-	Tertiary consumer.
	C-	A decomposer.
	D-	A Secondary consumer.
<p>QCM 10: The largest percentage of solar energy that penetrates the atmosphere of the Earth is used to:</p>		
	A-	Heat the atmosphere and the Earth's surface.
	B-	Carry on photosynthesis.
	C-	Generate Wind.
	D-	Heat and evaporate water.
<p>QCM 11: Consider this food chain: algae → water fleas → minnows → trout → bear. The minnows in this food chain are:</p>		
	A-	Tops carnivores.
	B-	Secondary carnivores.
	C-	Herbivores.
	D-	Tertiary carnivores.
	E-	Primary carnivores.
<p>QCM 12: What is an ecosystem?</p>		
	A-	All the non-living components of an area.
	B-	All the organisms and non-living components of an area.
	C-	All the organisms of an area.
<p>QCM 13: Which is the correct definition of an herbivore?</p>		
	A-	An animal that consumes plant material only.
	B-	An animal that consumes animal material only.
	C-	An animal that consumes both plant and animal material.
<p>QCM 14: From the following food chain which organism can be described as a producer? Rabbit → Fox → Grass</p>		
	A-	Rabbit.
	B-	Fox.
	C-	Grass.

We wish you good luck

Answers of tutorial N°1

Question n°1	Answer
1	A
2	C
3	C
4	A
5	B
6	D
7	D
8	D
9	D
10	A
11	E
12	B
13	A
14	C