	St. Catherine's High School			
	Annual Exam – June 2016			
	Name:		Class:	6____
	Subject:	Science	Journal:	
			Exam Total:	
Duration:	1 hour 30 minutes	Final Total:	/100	

SECTION A

1. Explain the following key words in your own words.

(10 marks)

habitat -	
species -	
extinction -	
endangered -	
conservation -	
producer -	

photosynthesis -	
consumer -	
predator -	
prey -	

2a) Write down THREE positive effects on the environment.

(3 marks)

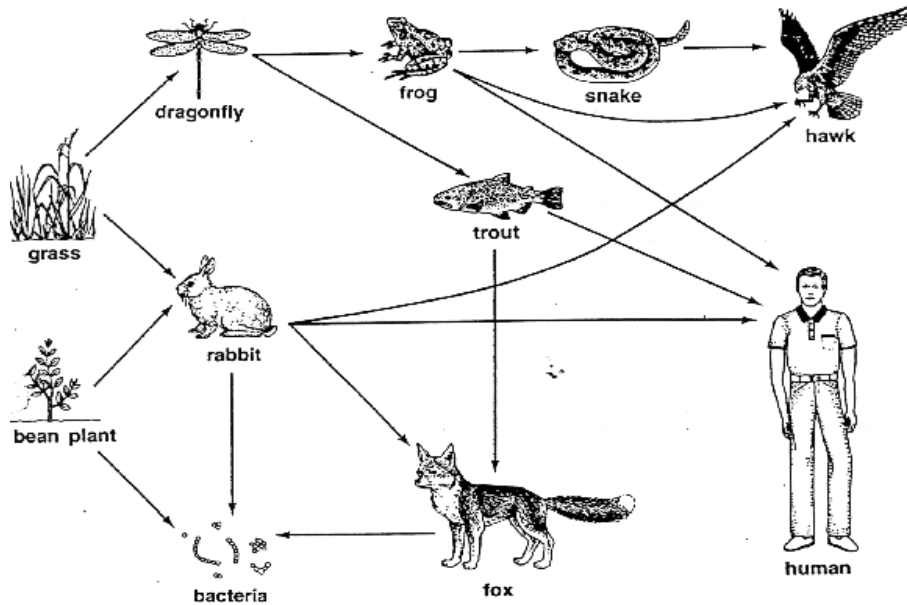
1.
2.
3.

2b) Write down THREE negative effects on the environment.

(3 marks)

1.
2.
3.

3. Look at the following picture and answer the questions below:



a) Name the producers from this food web. (1mark)

b) Name the THREE consumers from this food web. (3marks)

c) Name ONE organism that is a herbivore. (1mark)

d) Describe what would happen to the frog population if the snakes became extinct. (3marks)

e) How would this effect the dragonfly? Why?

(2marks)

f) Are there any decomposers? If so, write the name of the decomposer.

(1mark)

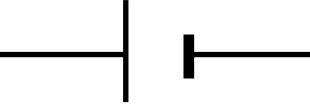




g) Why are decomposers essential to the continuation of life on Earth? How do they help the producers? How do they help the consumers?

(3marks)

SECTION B

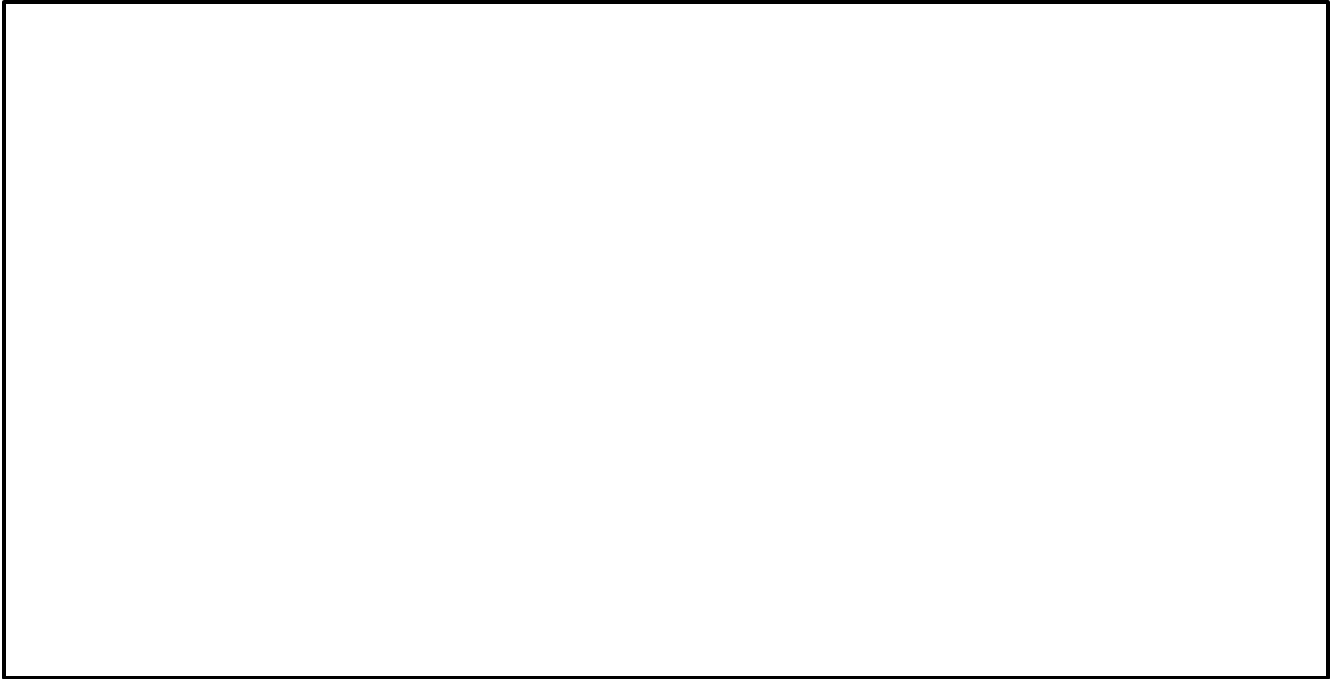
1) Fill in the following:

(5marks)

SYMBOL	Can you name the symbol?
	
	
	
	
	

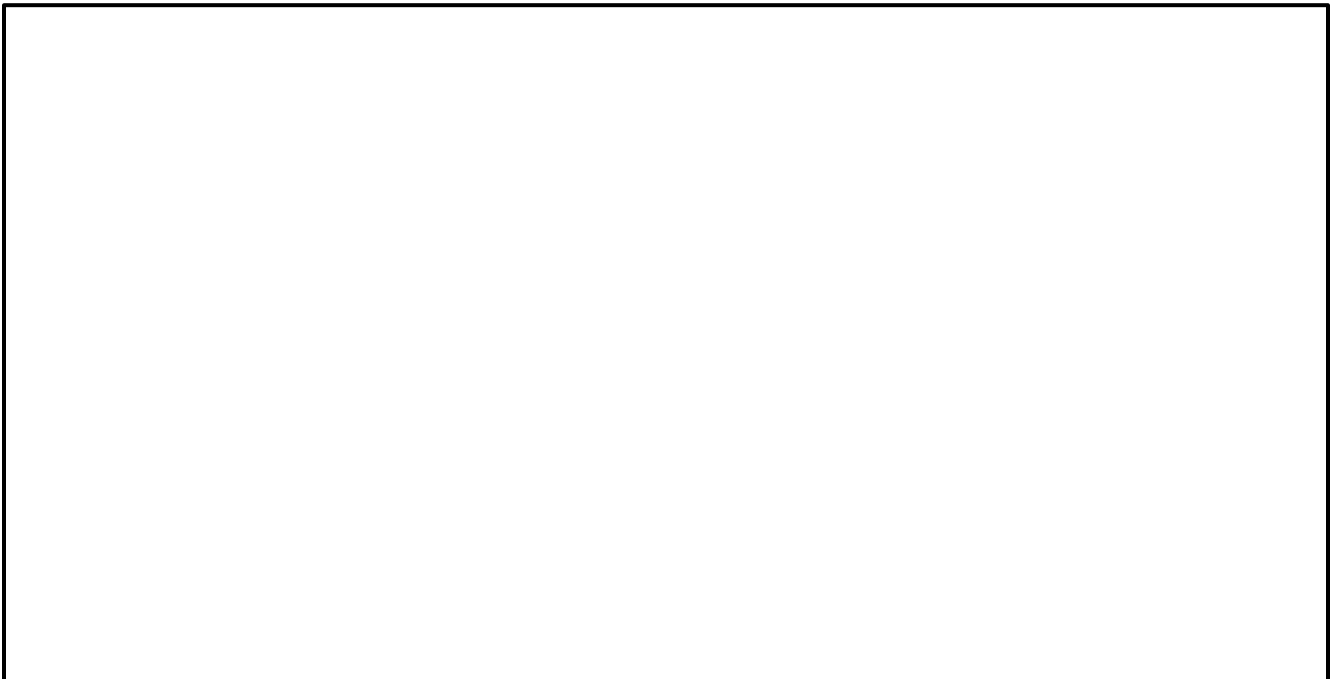
2a) Draw a circuit in series that will work.

(5marks)



2b) Draw a circuit in parallel that won't work.

(5marks)



3a) List **THREE** conductors:

(3marks)

3b) List **THREE** insulators:

(3marks)

3c) What is a conductor?

(2marks)

3d) What is an insulator?

(2marks)

4) Label the parts of the light bulb.

(5marks)



Section C.

1) Fill in the blanks using the word bank below:

(5marks)

reversible	undone	dissolving
permanent	reversed	

Some changes to matter are _____. This means that the change can be _____ to return the matter to its original form. Changing state and _____ are reversible changes. Some changes are _____ and they cannot be _____ or undone.

2) State whether the following are TRUE or FALSE

(6 marks)

	TRUE/FALSE
1. A mixture contains two or more substances mixed together but not changed in any way.	
2. All solid mixtures can be sieved.	
3. Magnets are often used to separate magnetic materials from other wastes.	
4. Soluble substances dissolve in water.	

5. A suspension is a mixture of water and soluble solids.	
6. The three states of matter are solid, liquid and gas	

3) Look at the pictures below and write down whether it's **reversible** or **irreversible** change. (9marks)



Melting ice cube



Frying an egg



Freezing water



Burning paper



Melting an ice cream



Dissolving salt in water



Melting chocolate



Melting candle



Baking a cake
