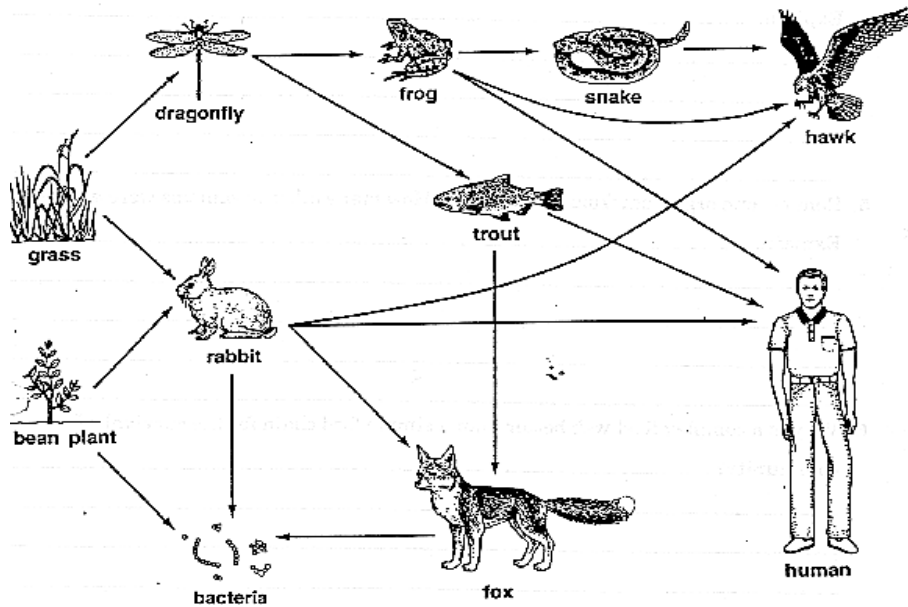
	<b>St. Catherine's High School</b>		
	<b>Annual Exam – June 2017</b>		
	<b>Name:</b>		<b>Class:</b> 6__
	<b>Subject:</b>	Science	<b>Journal:</b> ____/10
<b>Duration:</b>	1 hour 30 minutes	<b>Exam Total:</b> ____/90	<b>Final Total:</b> /100

**SECTION A**

1) Look at the following picture and answer the questions below:



Questions	Answers
1a) What does the picture above show? (1/2 mark)	
1b) Mention 1 producer. (1/2 mark)	
1c) Mention 2 consumers. (1 mark)	
1d) Which is the decomposer? (1/2 mark)	
1e) Write down 1 herbivore. (1/2 mark)	
1f) Write down 1 carnivore. (1/2 mark)	
1g) Mention 1 predator. (1/2 mark)	
1h) What would happen to the grass if the rabbit was to become extinct? (1 mark)	

2) Explain the following terms:

(5 marks)

Prey	
Conservation	
Action plan	
Photosynthesis	
Omnivore	

**SECTION B**

1) Fill in the blanks using an appropriate word: (7 marks)

Materials can be changed into various ways. Some changes are \_\_\_\_\_; the change can be undone or \_\_\_\_\_. An example of this change is \_\_\_\_\_. Some changes are \_\_\_\_\_ and so cannot be undone or reversed. Therefore the change is \_\_\_\_\_. Burning is considered an \_\_\_\_\_ change while melting is considered a \_\_\_\_\_ change.

2) Answer the following questions.

a) What are mixtures? (2 marks)

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b) What are the four techniques used to separate mixtures? (4 marks)

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3) Look at the picture and answer the questions below.



a) How can I separate the salad?

(1 mark)

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B) How can I separate the soup?

(1 mark)

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C) If iron fillings were added to the soil how could I separate the mixture? (1 mark)

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4) State whether the following are TRUE or FALSE

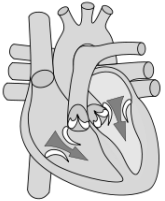

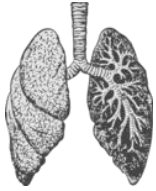
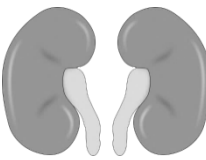
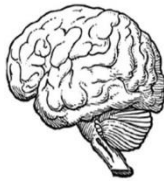
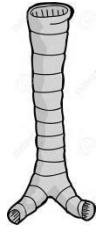
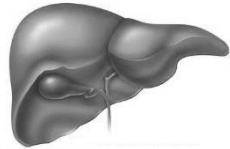

(9 marks)

	TRUE/FALSE
1. Different solids behave in different ways when they are mixed with water.	
2. All solids dissolve when you mix them with water.	
3. Materials that dissolve in water are considered reversible changes.	
4. The word insoluble refers to materials that don't dissolve in water.	
5. If you mix sawdust with water you can recover the sawdust by pouring the mixture through a sieve.	
6. Mixing flour and water is considered to be soluble.	
7. Mixing sand and water is considered to be soluble.	
8. Mixing salt and water is considered to be soluble.	
9. A reaction can take place between a solid and water and this is considered an irreversible change.	

## SECTION C

1a) Name the following organs:

(8 marks)

1b) Mention any other TWO organs found in the body.

(2 marks)

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2) Which body system is involved in each of the following actions?

(5 marks)

a) You feel full after eating a big meal.	
b) You pull your hand away quickly from a hot surface.	
c) You take deep breaths after running a race.	
d) You feel the need to go to the bathroom.	
e) You have to check your pulse rate after a long walk.	

3) Circle the correct answer.

(5 marks)

a) A passage by which food goes from mouth to stomach.

Mouth - large intestine - gullet - small intestine

b) Part of the urinary system that removes waste products from the blood and secrete urine.

Kidney - ureters - urethra – bladder

c) Sack in which urine collects in the body.

Kidney - ureters - urethra – bladder

d) This part of our body let's our brain know activities inside and outside our body.

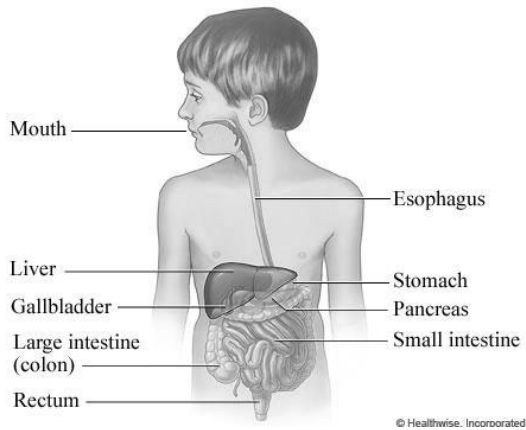
Blood vessels - nerves - brain - spinal cord

e) This organ pumps all blood around the body.

Heart – stomach – pulse – bladder

4a) Look at the diagram below and explain the system in your own words.  
Remember to write down the name of the system, the process and its function.

(7 marks)



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4b) What is the function of the liver?

(1 mark)

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4c) What happens to the waste from the large intestines?

(2 marks)

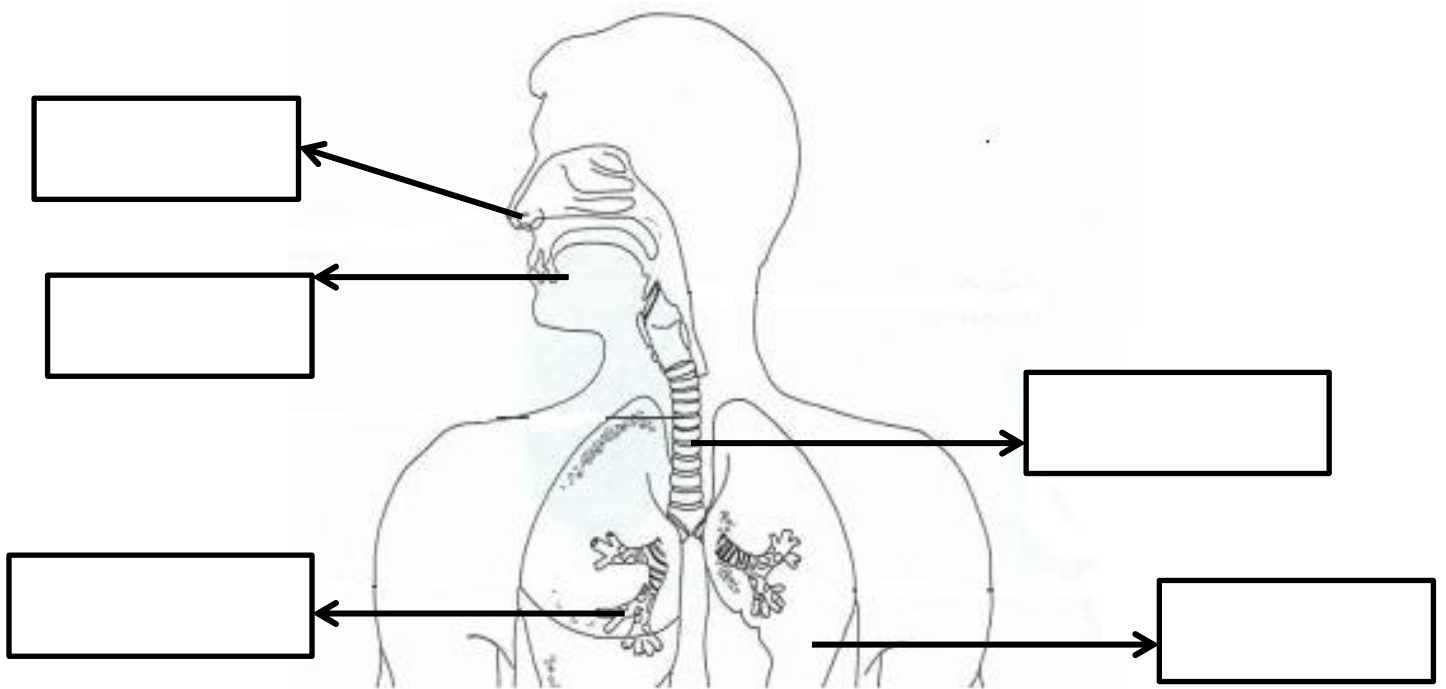
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5a) Look at the diagram below and label it.

(5 marks)



5b) What do we call this system?

(1 mark)

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5c) What is the main function of this system?

(1 mark)

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5d) Why are the nose and mouth important in this system? Explain.

(3 marks)

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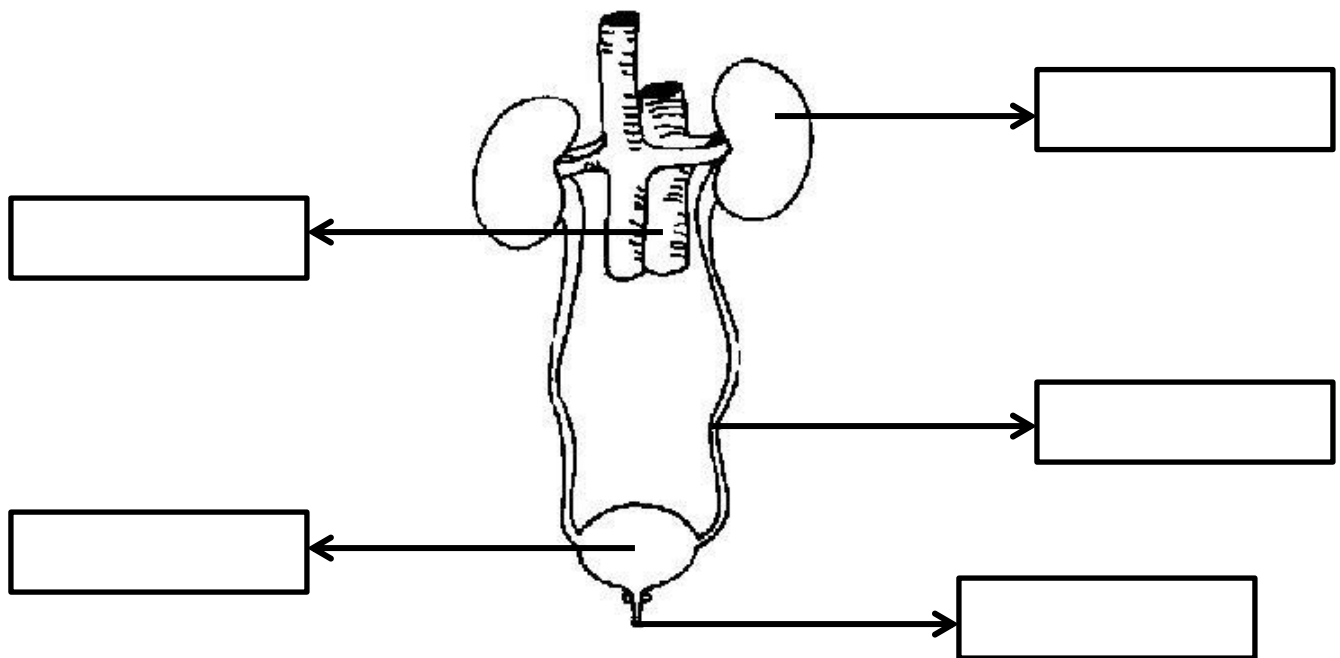
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6a) Connect the organ on the left to the correct description on the right. (4 marks)

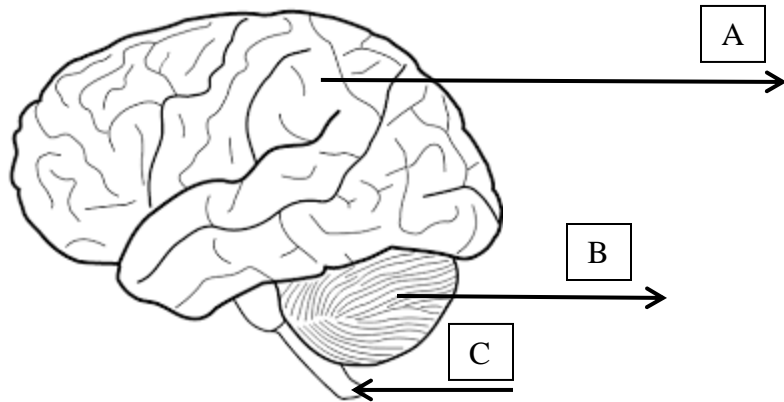
1. Ureter		Bean-shaped organ
2. Kidney		Stores urine
3. Bladder		Connects the bladder to the outside
4. Urethra		Takes urine from the kidney to the bladder.

6b) Label the following diagram.

(5 marks)



7) Look at the picture below and answer the following questions:



a) Name the parts label above:

(3 marks)

A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_

B) Explain one of the parts?

(3 marks)

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Go back and check your work carefully!  
Breathe... Good luck 😊