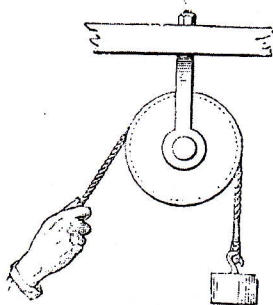


# PSET PLE 2007 EXTRACT

<b>PUPIL'S COMPLETE INDEX NUMBER</b>				
Province/City	District	Sector	School	Pupil
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<b>PUPIL'S FULL NAME</b>				
Sur name : _____				
Other names : _____				

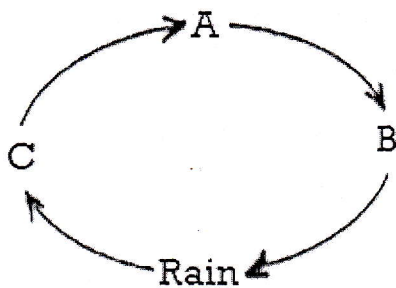
## SECTION A (50 marks)

1. Give the name of the metal from which saucepans are made.  
\_\_\_\_\_
2. What are the two most common solid fuels used for cooking in Rwanda?  
\_\_\_\_\_
3. Why is the density of ice less than the density of water?  
\_\_\_\_\_
4. Complete the following sentence:  
Toilet windows of modern houses are made of translucent glasses because;  
\_\_\_\_\_
5. (a). Name the machine below:  
\_\_\_\_\_



- (b). State what this machine is used for:  
\_\_\_\_\_

6. The diagram below shows a water cycle.



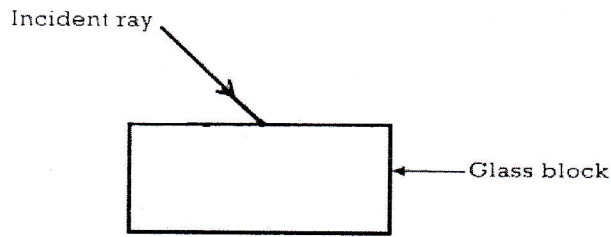
Name A, B, and C.

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

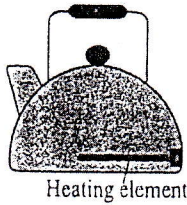
7. Complete the sentence below:

Light from the moon comes from the \_\_\_\_\_

8. Complete the diagram below to show the path of incident ray of light through the glass block.



9. The diagram below shows an electric kettle.



Why is the heating element not put near the top of the kettle? \_\_\_\_\_

10. Name the method of propagation where a bud or shoot of one plant is made to grow on another plant. \_\_\_\_\_

11. (a). Anaemia is a consequence of iron and protein deficiency in the body.

Name one other disease which can cause anaemia.

\_\_\_\_\_

(b). Name any one symptom of anaemia.

\_\_\_\_\_

12. Which group of animals do the following belong?



A \_\_\_\_\_

B \_\_\_\_\_

C \_\_\_\_\_

13. Match animals in group A to their modes of feeding in group B.

**Group A**

Dog

Chameleon

Rabbit

Hen

Cow

**Group B**

Rodent

Granivores

Insectivores

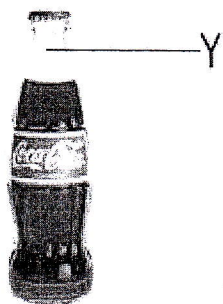
Herbivores

Carnivores

14. What is the reproduction mode of sugarcane?  
 -----
15. Suggest two of the methods used to avoid pregnancy.  
 -----
16. Mention two ways how pure water can be obtained from impure (dirty) water?  
 -----
17. (a). Which component of blood is affected by HIV?  
 -----  
 (b). Identify any one function of blood to the body?  
 -----
18. What is the function of each part below in the human ear?  
 Pinna -----  
 Ear drum -----  
 Auditory nerve -----
19. Give any two functions of the human skeleton.  
 -----
20. (a). What is an accident?  
 -----  
 (b). Give two examples of accidents that can happen on the way to and from school.  
 -----  
 (c). Identify one cause of road accidents:  
 -----
21. Cholera and dysentery are caused by microbes and germs. Suggest three methods you can use to avoid contracting these diseases.  
 -----  
 -----
22. (a). What is a magnet?  
 -----  
 (b). State any one material attracted by a magnet.  
 -----  
 (c). Give one way how a doctor can use a magnet in the hospital.  
 -----
23. (a). Mention any two electronic applications used at home.  
 -----  
 (b). Give any two good conductors of electricity.  
 -----

**SECTION B (50 marks)**

24. The diagram below is of a sealed soda bottle. Use it to answer questions that follow.



(a). Why was the space labelled Y left in the bottle?  
 \_\_\_\_\_

(b). Name the gas that bubbles out when the bottle is opened. \_\_\_\_\_

(c). Which process in plants uses the same gas named above? \_\_\_\_\_

25. (a). Name the two major parts of the central nervous system.  
 \_\_\_\_\_

(b). Identify any one non-infectious disease of the nervous system.  
 \_\_\_\_\_

(c). Explain how excessive alcoholism destroys the central nervous system.  
 \_\_\_\_\_

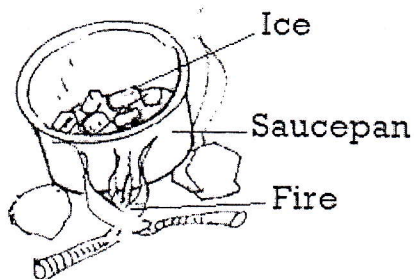
26. (a). State the type of germination for;

Bean seeds \_\_\_\_\_

Maize seeds \_\_\_\_\_

(b). State the difference between the two types of germination you have mentioned above  
 \_\_\_\_\_

27. A boy put ice in a saucepan and heated it for about 5 minutes.



(a). What happened to the ice after 5 minutes?  
 \_\_\_\_\_

(b). What type of change took place?  
 \_\_\_\_\_

(c). Mention the three states of water you know.  
 \_\_\_\_\_

28. Answer **true** (for a statement that is correct) or **false** (for a statement that is wrong)

a) Kwashiorkor is caused by polluted water.  
 \_\_\_\_\_

b) Echo is refraction of sound.

-----

c) During pregnancy, the woman continues to have monthly periods.

-----

d) Ice is the solid state of water.

-----

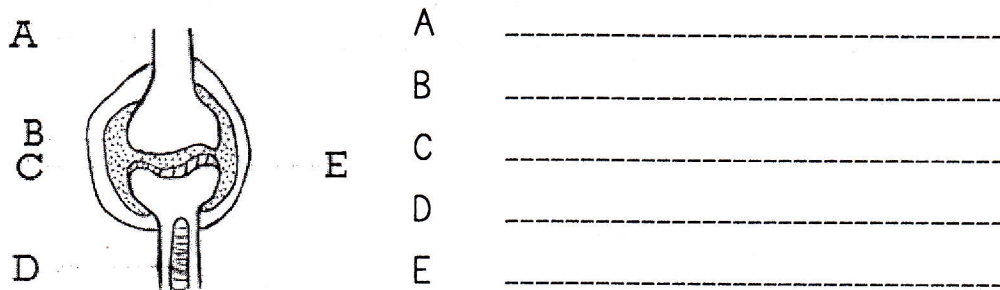
e) A baby has less teeth than adult.

-----

f) A cow is oviparous.

-----

29. Name the following parts on the diagram shown below.



30. Categorize the following simple machines to the classes of levers below.

**Wheel barrow, human arm, hammer, see-saw, fishing rod, a pair of scissors.**

(a). First class of levers (inter fulcrum lever)

-----

(b). Second class of levers (inter resistance lever)

-----

(c). Third class of levers (inter force lever)

-----

31. Study and complete the table below.

Part of digestive system	Stomach	Pancreas
Name of the gland		
Digestive juice in the gland		
Enzyme in the digestive juice		
Class of food acted upon		