P.7 INTEGRATED SCIENCE

**SECTION A**

1. Give one item you can use to keep your skin clean?

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1. Mention the non organic component of soil.

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1. Why is the sugar cane not regarded as a stem tuber yet its stem is swollen with stored food?

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1. Name the animal product used to produce leather material.

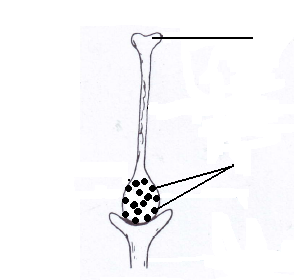
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How is tourniquet useful when administering first aid.

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Use the part of the flower shown below to answer question 6 and 7.

B



C

D EE

1. Name the gametes required at part D for the fertilization to take place.

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1. State the function of part c in the above diagram

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1. Mention one food stuff essential for body protection.

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1. How are muscles useful to the skeletal system?

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1. Which method of making alcohol can be used to obtain Waragi?

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1. Which form of energy results to increase in temperature?

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1. In which way does gonorrhea affect the newly born baby?

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1. Mention the poultry disease which affects the rabbits as well.

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1. Why is mercury not suitable liquid in the sixth thermometer?

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1. Give one reason why electricity is regarded as a form of energy.

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1. Which part of a fish can be compared to the mammalian ear in terms of function? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. State one example of a plant with a creeping stem.

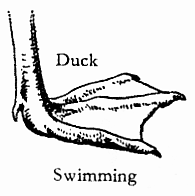
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1. How are the teeth important to food digestion?

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1. Why is flue and cough infection common during the dry season?

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1. Which group of birds have foot shown below?

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1. Give one example of such birds.

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1. Identify the element of P.H.C which enables us to spread basic health messages.

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1. In which state of matter are molecules static?

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1. Give one annual crop commonly grown in the central region for food and alcohol.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. State any one product of respiration.

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1. Mention one body sense.

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1. How important is a screen on VIP latrine.

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1. State the energy change that occurs in the dry cell while in use.

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1. Write one type of organic fertilizer.

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1. Give any one advantage of seed dispersal in plants?

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1. Why is the ileum able to absorb digested food?

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1. Mention one crop that can be intercropped with maize.

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1. How is the movement of a snake different from that of a frog?

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1. Outline any one cause of soil erosion.

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1. Give the group of invertebrates with segmented bodies and jointed legs.

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1. Why do some plants grow thorns and hairy prink structures?

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1. What happens to ice when it is put in water?

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1. Give one reason why animals produce sound besides communication.

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1. State the difference between volume and pitch of sound.

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1. In the space provided below draw a structure of a garden tool used for harvesting cereals.

**SECTION B**

1. a) Name the young one of the rabbit.

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b) Mention any two breeds of rabbits kept in Uganda.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_

c) Why should a hutch be kept clean?

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1. a) Give a reason why leopard is regarded as a living thing.

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b) State any two reasons why animals move from one place to another.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Outline one way animals depend on other animals.

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1. a) Write VIP in full.

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b) How useful is a pit latrine in a home?

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c) Suggest one way a VIP latrine can be kept clean.

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1. Below is a structure of a complete circuit. Use it to answer the questions that follow. R

S V

T U

1. Name the part labeled V

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1. How does part S work

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1. Calculate the total voltage of the dry cells.  ***(2 marks)***
2. a) State the difference between annual crops and perennial crops.

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b) Give two examples of perennial crop.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Identify one way a farmer can minimize crop losses after harvest.

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1. a) Define the term drug description.

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b) State one factor considered before prescribing drugs.

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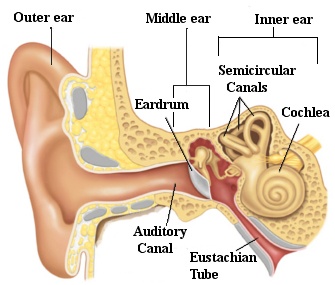
c) Why is it not advisable to share drugs prescribed for one person.

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1. How is drug prescription important to a patient?

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1. Study the structure of a mammalian ear below and use it to answer the questions that follow.



1. Name the part labeled Q.

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1. Which part of the ear perform the following roles.
2. Balances the body.

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1. Changes sound waves to impulses.

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1. How can you care for the ear?

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1. Match the senses in list A to their organs in list B.

A B

Smelling Skin

Taste Eye

Pressure Nose

Sight Tongue

Ear

Smelling \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Taste \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pressure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sight \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. a) State the standard unit for measuring mass.

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b) What happens to the following when water freezes to ice?

1. Mass \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Volume \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Density \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. a) Why is food digested?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) State one role of food in the body.

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c) How can food we eat be contaminated?

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d) Identify one traditional method of preserving food.

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1. a) What are STDs?

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b) Mention one STD caused by;

i) fungi. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) virus \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How best can P.7 pupils prevent STDs?

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1. Study the diagram below and use it to answer the questions that follow;

1

2 3

5 4

6

1. Name the process labeled 6

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1. Which of the above process requires ;
2. High temperature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Low temperature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What type of change do all the above process belongs?

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1. a) Identify the type of skeleton possessed by each of the animals given below;
2. Tsetse

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1. Earth worm

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b) How is Skelton important to fish.?

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1. Outline one disorder of the muscles.

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1. a) In which way is transpiration similar to sweating?

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b) State any two factors which affect the rate of transpiration.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) How is transpiration important in the environment?

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1. a) What type of accident results from reduced supply of blood to the brain?

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b) Give any two other conditions that can also lead to the above named accident

i \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ c) State the immediate first aid you would give to a casualty who has got the above accident.

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