**HORMISDALLEN PRIMARY SCHOOL- KYEBANDO**

**P.7 INTEGRATED SCIENCE SET I**

**TIME ALLOWED 2 HRS AND 15 MINUTES**

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SCHOOL NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SECTION A**

1. Name the part of a mushroom which produces and stores spores.

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1. How does sound travel?  
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2. Why is carbodioxide used in fire extinguishers?

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1. Name the second stage of development in a cockroach.

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1. Identify one example of a root tuber crop?

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1. List one renewable resource in environment.

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1. Name a plant process which make starch.

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1. What name is given to the chemical substances that speed up digestion?

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1. How does terracing control soil erosion?

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1. Name one example of leguminous crops

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1. Of what use is a heltere to the insect.

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1. Mention any one good feeding habbit

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1. State the role of a drone in a bee hive?

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1. How is heat different from temperatures?

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1. Under what type of weather do people wear jackets and gum boots?

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1. Why does oil float on water?

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1. Name one type of alcohol?

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1. What is a nuclear family?

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1. Mention the type of skeleton possessed by a snail.

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The diagram below shows a structure of blood cell use it to answer question 20

1. Describe the use of the blood cell whose structure is shown above.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Identify one plant whose seeds are dispersed by means of explosive mechanism.

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1. Define the term zero grazing?

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1. Give one example of wood fuel?

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1. Name the part of the lungs where carbon dioxide is removed from blood and oxygen is added to blood

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1. Suggest one example of biological change.

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1. What food values do people get from eating honey?

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1. Why are handles of flat iron made of insulators?

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1. Give one cause of accidents in Uganda?

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1. What feeds are commended for chicken kept purposely for meat production.

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1. Name one item used to kill germs as we wash our hands after visiting the latrine.

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1. Suggest one method used to separate juice from seeds.

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1. Give any one advantage of using solar electricity.

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1. Name the simple leaf shown below



1. Name the breathing organ s of a spider.

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1. What is drug misuse?

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1. Mention one way of conserving animals as resources.

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1. Point out the part of air we breathe out.

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1. Give one way of caring the sick people

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1. What term describes the act of giving birth in pigs.

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1. How are bacteria similar to fungi?

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**SECTION B 60 MARKS**

1. **Match disease in group A to their vectors in B**

A B

Dysentery female anopheles mosquito

Trypomosomiasis house fly

Malaria culex mosquito

Elephantiasis tiger mosquito

Tsetse fly

i) Dysentery \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) Trypamosiasis\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

iii) Malaria\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

iv) Elephantiasis\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. a) What is soil profile?

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b) Name the layer of soil which is suitable for crop growing

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c) Write two components of soil

i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. The table below shows composition of air breathed in and out.

Answer the questions about it.

|  |  |  |
| --- | --- | --- |
| Component of air | % in haled | %exhaled |
| Nitrogen | \_\_\_\_\_\_\_\_\_\_\_\_\_ | 79 |
| carbondioxide | 0.03 | 4 |
| oxgyen | 21 | 16 |

1. State the percentage of nitrogen we inhale.

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

1. Name the gas that is taken up for use by body tissues during respiration.

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1. Why is air we breathe out contains more carbon dioxide than the one we breathe in ?

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1. Why doesn’t the percentage of nitrogen we breathe in and out change?

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1. a) What is wind?

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b) Suggest two ways how people make use of wind as a resource.

I)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

c) What are non- renewable resources?

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1. Name two methods of milking.

i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

b) Cite out two products of milk.

i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. The diagram below is of an onion. Answer the questions about it.

a) Name the part:

i)V\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii)N\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) State the use of part s

c) To which group of underground stem does an onion belong?

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1. a) Name two chemical substances contained in tobacco.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) State one effect of drug abuse to the family.

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c)Why does a medical doctor prescribe drugs to a patient?

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1. a) Name one factor which affects volume of sound.

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b) Mention one example of each of the following musical instruments

i) Wind instrument\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) Percussion instrument\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Why doesn’t sound travel through vacuum?

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1. **Fill in the missing information in the table below which is about insects and their larvae stages.**

|  |  |
| --- | --- |
| Adult | Larva |
| House fly | i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Wringgler |
| Butter fly | iii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| iiv) | grub |

1. The diagram below shows a longitudinal section of blood vessels. Answer the questions about it.
2. Name the blood vessel shown in the diagram

.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Give the use of part X.

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1. What type of blood is carried by the blood vessel you have name in (a) bove.

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1. Suggest one way of increasing the volume of blood in circulation.

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1. a) Name the force that enables farmers to sharpen their garden tools.

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b) Mention any two ways of caring for garden tools

i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

c) Why is it a bad practice to leave garden tools outside over the night?

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1. a)What is personal hygiene?

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b) State the importance of ironing clothes.

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c) Give the use of each item found at home to keep our bodies clean.

i) Pair of scissors\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) Soap\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The chart below shows changes of states of water. Answer the questions about it.

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| --- |
|  |

a)Name i) Q\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii)M\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) In which state of matter is vapour ?

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c) How does heat in both liquids and gases.

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1. Write SSS in full.

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b) What is rehydration?

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c) Write two important mineral salts lost as a result of passing out watery stool frequently.

i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. a) What is photosynthesis?

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b) Mention raw materials of photosynthesis.

i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

c) State the importance of chlorophyll during photosynthesis

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**END**