 **OUTREACH SCHOOLS EXAMINATIONS BOARD**

**END OF TERM I EXAMINATION 2024**

**P.4 SCIENCE**

***Time Allowed: 2hours 30 Minutes***

**Pupil’s Name: ………………….………….……………………………………**

**Class: …………………………….………….……………………………………**

**School Name: ………………………………………………………………….**

**INSTRUCTIONS: SECTION A**

1. Answer all questions.

2. Any drawing must be done in pencil. **SECTION B**

3. Use a very good handwriting.

**SECTION A (40MARKS)**

1. Mention the sense organ for tasting food.

……………………..……………………………………………………………………………………………………………………

1. Give any one basic need of man.

………….………..………………………………………………………………………………………………………………………

1. Give any one ways farmers care for their crops.

…………….………………………………………………………………………………………………………………………………

1. Suggest one traditional way of preserving food.

……………..………..……………………………………………………………………………………………………………………

1. How important are trees in our school compound?

.……………………..……………………………………………………………………………………………………………………

1. Name the best food for babies less than six months.

.……………………..……………………………………………………………………………………………………………………

1. Why do some flowers have brightly coloured petals?

.……………………..……………………………………………………………………………………………………………………

1. Mention any one food rich in carbohydrates.

.……………………..……………………………………………………………………………………………………………………

1. **Which property of air is shown below?**

Empty balloon

…………………………….…………………………………………………….

Balloon filled with air

1. Write down one reason why animals move from one place to another.

.……………………..……………………………………………………………………………………………………………………

1. Why do plants with weak stems climb others?

.……………………..……………………………………………………………………………………………………………………

1. Mention one activity done to keep our bodies clean.

.……………………..……………………………………………………………………………………………………………………

1. Give one example of a fruit crop.

……………………..…………………………………………………………………………………………………………………….

1. **In the space below draw an axe.**
2. What does the radicle of a seed grow into?

.……………………..……………………………………………………………………………………………………………………

1. Suggest the major reason for giving first aid.

.……………………..……………………………………………………………………………………………………………………

1. State the use of root hairs to a plant.

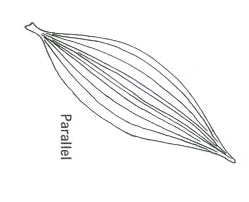
.……………………..……………………………………………………………………………………………………………………

1. Mention any one block in food path.

.……………………..……………………………………………………………………………………………………………………

1. State any one characteristic of insects.

.……………………..……………………………………………………………………………………………………………………

1. **The diagram below is of a leaf. Study it and answer the questions 20 below**

What type of venation does the leaf above have?

……………………..……………………………………………………………………………………………………………………

1. Why do we boil water for drinking?

……………………..……………………………………………………………………………………………………………………

1. Give one example of a non-flowering plant.

……………………..……………………………………………………………………………………………………………………

1. Give one reason why people keep goats.

.……………………..……………………………………………………………………………………………………………………

1. Name the gas that supports burning and germination.

.……………………..……………………………………………………………………………………………………………………

1. Mention the type of soil used for making bricks.

.……………………..……………………………………………………………………………………………………………………

1. Why is a maize grain called a fruit?

……………………..……………………………………………………………………………………………………………………

1. Mention one condition needed for germination.

.……………………..……………………………………………………………………………………………………………………

1. Name one domestic animal that gives us milk.

.……………………..……………………………………………………………………………………………………………………

1. How are bees important to farmers?

.……………………..……………………………………………………………………………………………………………………

1. Name the liquid commonly used in thermometers.

.……………………..……………………………………………………………………………………………………………………

1. Which sense body organ needs light to function?

.……………………..……………………………………………………………………………………………………………………

1. Mention any one local material for building a hut.

.……………………..……………………………………………………………………………………………………………………

1. How does a chameleon protect itself?

.……………………..……………………………………………………………………………………………………………………

1. **Complete the diagram by drawing its shadow**.

SUN



1. Name one disease spread by house flies to man.

.……………………..……………………………………………………………………………………………………………………

1. How do mushrooms reproduce?

.……………………..……………………………………………………………………………………………………………………

1. Give one use of wind to a farmer.

.……………………..……………………………………………………………………………………………………………………

1. Mention one way of caring for seedlings in a nursery bed.

.……………………..……………………………………………………………………………………………………………………

1. Give any one example of leguminous crops.

.……………………..……………………………………………………………………………………………………………………

1. Name the main natural source of heat and light.

.……………………..……………………………………………………………………………………………………………………

**SECTION B**

1. a) Write down two types of weather.

(i) .…………..………..……………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

b) Mention any two elements of weather.

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

1. a) List down any two main parts of an insect.

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

b) Mention one disease spread by a housefly.

...…………….…………..………………………………………………………………………………………………………

c) How is housefly able to spread disease causing germs?

...…………….…………..………………………………………………………………………………………………………

.…………….…………..………………………………………………………………………………………………………..

1. a) What is photosynthesis?

.…………….…………..…………………………………………………………………………..………………………………

.…………….…………..………………………………………………………………………………….………………………

b) Outline any two conditions needed by plants to make starch.

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

c) Mention any one by-product of photosynthesis.

….…………….…………..………………………………………………………………………………………………………

1. a) What is sanitation?

…...…………….…………..………………………………………………………………………………………………………

.…………….…………..…………………………………………………………………………………………………………..

b) Mention any two ways of promoting sanitation at home.

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

c) Give one example of a disease that breaks up in the community due to poor sanitation.

…...…………….…………..………………………………………………………………………………………………………

1. a) What is personal hygiene?

.…………..…….…………..………………………………………………………………………………………………………

.…………..…….…………..………………………………………………………………………………………………………

b) Name any two materials used to keep our bodies clean.

(i) .………………………..………………………………………………………………………………………………………

(ii) .………….……….…..………………………………………………………………………………………………………

1. a) Mention any two characteristics of living things.

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

b) Give any two examples of living things.

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

c) Give one way of promoting personal hygiene.

.…………….…………..…………………………………………………………………………………………………………

1. **The diagram below shows a type of thermometer**.

M

K

S

1. Name the parts of the thermometer marked

i) S.…………..….…………..……………………………………………………………………………………………………

ii). M.……………………..………………………………………………………………………………………………………

1. State the use of the above thermometer.

…...…………….…………..………………………………………………………………………………………………………

1. Mention the basic unit for measuring temperature.

…...…………….…………..………………………………………………………………………………………………………

1. Write down any two examples of each of the following crops.
2. Annual crops

(i) .…………….…………..……………………………………………………………………………………………………… (ii) .…………….…………..………………………………………………………………………………………………………

1. Perennial crops

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

1. a) Write ORS in full.

.………..……….…………..………………………………………………………………………………………………………

.…………..…….…………..………………………………………………………………………………………………………

b) Mention any two materials needed for making ORS.

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

c) Why should one wash hands before making ORS

.…………….…………..……………………………………………………………………………………………………..……

.…………….…………..……………………………………………………………………………………………………..……

1. a) What are dicotyledonous seeds?

.………….…….…………..……………………………………………….………………………………………………………

.………….…….…………..…………………………………………………….…………………………………………………

b) What type of germination do dicotyledonous seeds undergo?

...…………….…………..………………………………………………………………………………………………………

c) Mention any two examples of dicotyledonous seeds.

(i) .…………...…………..………………………………………………………………………………………………………

(ii) .………….…………..……………………………………………………………………………………………………….

1. a) Identify any two types of soil.

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

b) Mention any one component of soil.

...…………….…………..………………………………………………………………………………………………………

c) How does mulching improve on soil fertility?

...…………….…………..………………………………………………………………………………………………………

...…………….…………..………………………………………………………………………………………………………

1. **Use the diagram below to answer given questions**

**Carbondioxide**

**R**

**Y**

**X**

1. Name the gases marked

X…………………………………..…………………………. Y……………………………………………………………

1. How is carbondioxide useful to man?

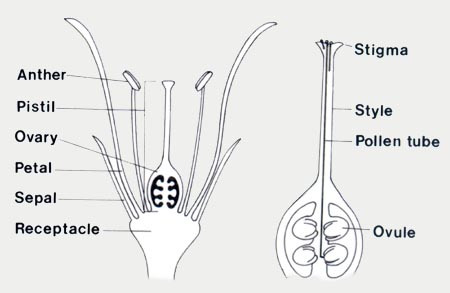
.………..……….…………..………………………………………………………………………………………………………

.………..……….…………..………………………………………………………………………………………………………

1. What percentage is taken by gas Y in atmosphere?

…...…………….…………..………………………………………………………………………………………………………

1. **The diagram below shows the part of a flower**



Q

P

1. Name the parts marked

(i)P.…………….…………..………………………………………………………………………………………………………

(ii) Q .………...…………..………………………………………………………………………………………………………

1. What does Ovary develop into after fertilization?

.….………….…………..…………………………………………………………………………………………………………

1. Which part in the diagram above receives pollen grains?

.…………….…………..…………………………………………………………………………………………………………..

1. a) What is a pest?

.…………..…….…………..………………………………………………………………………………………………………

.……………..….…………..………………………………………………………………………………………………………

b) Write down any two pests that destroy crops in the garden

(i) .…………….…………..………………………………………………………………………………………………………

(ii) .…………….…………..………………………………………………………………………………………………………

c) Suggest one way of controlling pests in our gardens.

.…………….…………..………………………………………………………………………………………………………..

1. **Match the given garden tools below with their uses**

|  |  |  |
| --- | --- | --- |
|  | **Garden tool** | **Use** |
| i)  ii)  iii)  iv) | Hoe  Panga  Trowel  Axe | For cutting big trees and branches  For transplanting seedlings  For cutting small trees  For weeding, digging and planting |

1. Hoe…………………………………………………………………………………………………………………………….
2. Panga…………………………………………………………………………………………………………………………
3. Trowel………………………………………………………………………………………………………………………..
4. Axe.……….…………..………………………………………………………………………………………………………

**END**