



# THE MILESTONE EXAMINATIONS 2024

## P.5 BEGINNING OF TERM II INTEGRATED SCIENCE

*Time allowed: 2 hour 15 minutes*

Pupil's Name: .....

Pupil's Signature: .....

School Name: .....

### Read the following instructions carefully;

1. This paper has two sections: **A** and **B**
2. Section **A** has **40** questions (**40 marks**)
3. Section **B** has **15** questions (**60 marks**)
4. Answer all questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
5. All working must be done using a blue or blackball point pen or ink. Any work done in pencil will **NOT** be marked.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated "**For Examiners' use only**" and the boxes inside the question paper.

FOR EXAMINERS'		
USE ONLY		
Qn. No.	Marks	EXR's No.
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
<b>TOTAL</b>		

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## **SECTION A: 40 MARKS**

Questions 1 to 40 carry one mark each.

1. Name one bee product.

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2. Why do bees visit flowers?

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3. Give one reason for painting garden tools?

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4. Mention one way of keeping our mouth clean?

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5. Why does a leaf float on water.

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Below is a garden tool. Study and use it to answer questions about it.



6. Name the above garden tool.

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7. State its use.

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8. What do we call the female part of a flower.

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9. Give the main role of the teeth during digestion.

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10. Name the digestive juice found in the mouth.

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11. Mention one type of mash.

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12. How can we keep our home latrines clean?

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13. A fruit is a developed ovary, what about a seed?

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14. Why should we boil drinking water?

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**15.** Give one way of stocking a bee hive.

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**16.** State one cause of famine.

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**17.** How are babies protected from tuberculosis.

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**18.** Give one example of an exotic rabbit.

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**19.** Why do bees swarm?

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**20.** State one reason for mulching our gardens.

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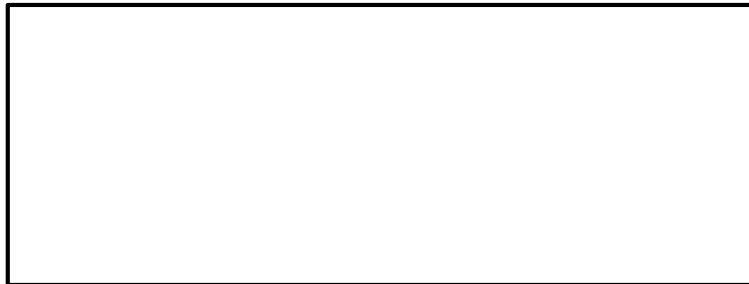
**21.** What is crop rotation.

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**22.** Name the basic unit for measuring mass.

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**23.** Draw a measuring cylinder in this space below.



**24.** Where does digestion of food end?

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**25.** Why should small stones be added to chicken feeds?

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**26.** State one physical process involved in a water cycle?

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**27.** What is transpiration?

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**28.** What do tape worms feed on in the body?

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**29.** Give one way of controlling malaria.

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**30.**Why do you think the government of Uganda emphasize every home to have a latrine?

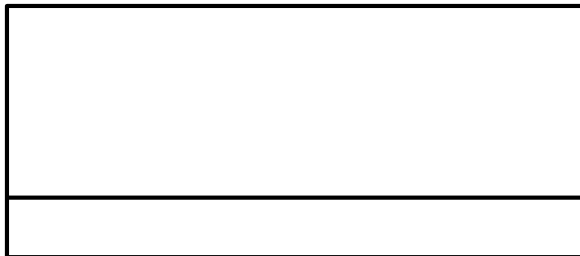
**31.**How can farmers improve on their local breeds of chicken?

**32.**Okello's rabbits have wounded ears. What disease are they suffering from?

**33.**Give one example of an irregular object.

**34.**How can volume of irregular objects be determined?

**35.**Draw and name one item used to clean our homes.



**36.**How are spiracles similar to gills of a fish?

**37.**Give one reason for planting trees in the school compound.

**38.**Give one way of controlling drought.

**39.**How are bees important in the community?

**40.**Name the body organ used to tell whether tea is cold or hot.

### **SECTION B: 60 MARKS**

Questions **41** to **55** carry four marks each.

**41.a)** Name the food value got from eating;

(i) Honey \_\_\_\_\_

(ii) Pollen \_\_\_\_\_

b) Give 2 ways of preventing swarming in bees.

**42.(a)** Draw these two types of teeth.

(i) Canine tooth



(ii) Incisor tooth



(b) State the function of each type of teeth above;

(i) Canine tooth \_\_\_\_\_

(ii) Incisor tooth \_\_\_\_\_

**43.(a)** How do animals feed?

(b) Give two reasons for considering animals as living things.

(c) Give one way of caring for plants during a dry season.

**44.a)** Name two plant processes that occur in the leaves.

b) Why is transplanting done in the evening always?

c) Give one way of caring for seedlings in a nursery bed.

**45.(a)** What are vectors?

(b) Give 2 examples of vectors.

(c) Mention one way of controlling vectors.

**46.a)** Why is a leaf called a floating object.

b) Why does a leaf float on water?

c) Apart from a leaf, give two other examples of floating objects.

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**47.**Below is a hutch, use it to answer questions that follow:



a) Name the above hutch.

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b) Why do you think a hutch should be made of a wire mesh.

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c) Give 2 examples of rabbit feeds.

\_\_\_\_\_

**48.**Match the following digestive juices to the parts where they are produced.

List A

- a) Bile
- b) Saliva
- c) Pancreatic juice
- d) Intestinal juice

List B.

- Pancreas
- Ileum
- Liver
- Mouth

- a) Bile \_\_\_\_\_
- b) Saliva \_\_\_\_\_
- c) Pancreatic juice \_\_\_\_\_
- d) Intestinal juice \_\_\_\_\_

**49.a)** What do you understand by the term "first aid".

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b) Give two reasons for giving first aid to accident victims.

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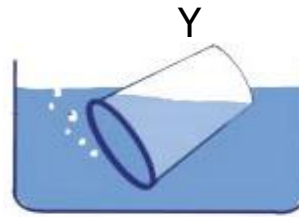
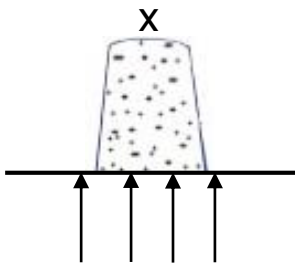
c) Give one quality of a good first aider.

50.a) Give 2 types of poultry.

b) Why do people debeak their chicken?

c) What is the importance of litter in a poultry house.

51. Use the diagrams below to answer the questions that follow.



a) Name the property of air marked;

X \_\_\_\_\_  
Y \_\_\_\_\_

b) State one application of property X in our daily life.

c) State one application of property X in our daily life.

52.a) How does each of these worms enter our bodies;

(i) hookworms? \_\_\_\_\_

(ii) tapeworm? \_\_\_\_\_

b) How can hook worms be prevented?

c) What do we call the head of a tape worm scientifically?

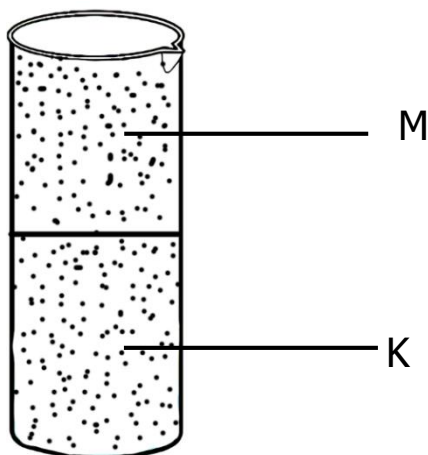
53.a) How does each of these worms enter our bodies;

(i) Queen bee \_\_\_\_\_

(ii) Drone bee \_\_\_\_\_

b) Give 2 enemies of bees?

**54.** Cooking oil and water were mixed by P.5 pupils during an experiment as shown below.



a) Name liquids;

(i) M

\_\_\_\_\_

(ii) K

\_\_\_\_\_

b) Why did liquid "M" behave like that.

c) Give one other liquid that can behave like "Liquid M".

**55.** A cuboid measures 4cm x 3cm x 2cm.

a) Find its volume.

b) If the cuboid has a mass of 48g. Find its density.

**END**