



ASBAT EXAMINATIONS BOARD

END OF TERM I EXAMINATIONS 2024

SCIENCE

PRIMARY FOUR

TIME: 2HRS 15 MINS

Name: **Class:**

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully;

1. The paper has two sections: **A** and **B**.
2. Section **A** has 40 short questions (40 marks)
3. Section **B** has 15 questions (60 marks)
4. Attempt **ALL** questions. All answer to both Sections **A** and **B** must be written in the spaces provided.
5. All answers must be written using blue or black ball-point pen or ink. Only diagrams and graphs work may be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do **not** fill any thing in the boxes indicated for examiners' use only.

FOR EXAMINER'S USE ONLY

SECTION A		TOTAL (%)
SECTION B		

SECTION A (40mks)

1. Identify **one** part of the shoot system of a plant.
.....
2. In which way is burning **similar** to rusting?
.....
3. Jovan caught fish to feed his family for a week. Suggest **one** suitable method he can safely use to keep his fish without going bad.
.....
4. Mention **one** place in the environment where mosquitoes live.
.....
5. Name **any one** animal that can be kept in an aquarium.
.....
6. The diagram below shows a tool commonly used by crop farmers. Give the main use of this tool to a farmer.



7. **Wind is air in motion.** How is **wind** important to people in our daily lives?
.....
8. Which **part of a flower** attracts pollinators?
.....
9. Give **one** example of a monocotyledonous plant.
.....
10. State **any one** way of controlling soil erosion.
.....
11. Name the part of air that supports burning.
.....
12. Suggest the main reason why bees visit flowers.
.....
13. Write **N.F.B** in full.
.....

14. State **one** reason why dogs move from one place to another.

.....

15. How is water useful to a germinating seed?

.....

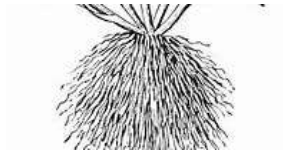
16. Mention **any one** activity done by a P.4 child to promote personal hygiene.

.....

17. State **one** way of controlling pests in the garden.

.....

18. Name the type of root system shown below.



.....

19. Which **type of weather** is best for preservation of cereals?

.....

20. Give **one** natural change in the environment.

.....

21. Name the **weather instrument** used for measuring the amount of rainfall received.

.....

22. State **any one** reason why some plants climb others.

.....

23. Give **any one** substance used for making ORS.

.....

24. Which garden tool do farmers use for cutting small trees?

.....

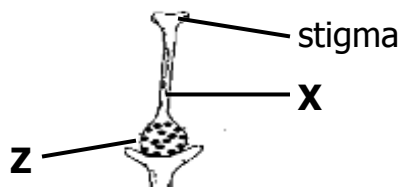
25. How is **photosynthesis** useful to plants?

.....

26. Mention **any one** condition necessary for seed germination.

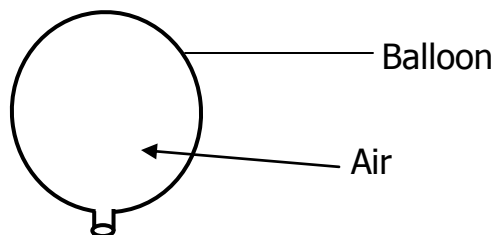
.....

27. Name the part of a flower shown below.



.....

28. What does part **Z** develop into after fertilization?
.....
29. Define the term "**Mulching**".
.....
.....
30. Which **part of air** occupies the **biggest part (percentage)** in the atmosphere?
.....
31. Give **one** example of **a perennial** crop.
.....
32. If a seed germinates with its two cotyledons above the ground, which type of leaf venation will the plant bear?
.....
34. Which type of clouds is friendly to crop farmers?
.....
35. Mention **any one** plant that can be first planted in a nursery bed.
.....
36. **On which part** of an insect are wings found?
.....
37. State **one** practice on a school garden that will help to improve soil fertility.
.....
38. Which property of air is shown in the diagram below?



-
39. Mention **any one** method of planting crops.
.....
40. Identify **one** characteristic which is common to all insects.
.....

SECTION B

41.a) Define the **term crop growing practices**.

.....
.....

b) Mention **any two** examples of crop growing practices.

i)

ii)

c) In which **season** do farmers plant their selected seeds?

.....

42. Study the diagram below and answer the questions that follow.



a) Which type of pollination is illustrated above?

.....

b) Besides the above, mention any other type of pollination.

.....

c) Name the **insect agent** that pollinates flowers at **night**.

.....

d) State **any one** characteristic of insect pollinated flowers.

.....

43. Given the list of seeds below;

Beans, Millet, Cowpeas, Simsims, Barley, Maize, Ground nuts.

a) List **any two** dicots from the above.

i)

ii)

b) Give **any one** seed that is a monocot.

.....

c) Which **type of germination** will a **cow pea** undergo in case it germinates?

.....

44.a) In the space below, draw and name **any one** garden tool used when clearing land.



b) Which garden tool do farmers use for **chopping fire wood**?

.....

c) State **two** ways of caring for our garden tools.

i)

ii)

45. Match correctly as given in the table below.

TROPISM	STIMULI
Phototropism	chemicals
Hydrotropism	force of gravity
Chemotropism	water
Geotropism	light

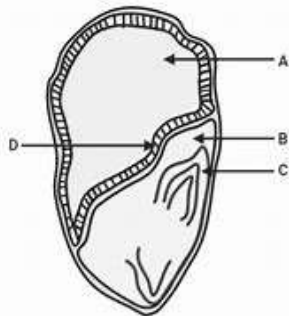
i) Phototropism

ii) Hydrotropism

iii) Chemotropism

iv) Geotropism

46. The diagram below shows a maize grain. Use it to answer the questions that follow.



a) Name the part labeled **A**.

.....

b) Give the part that grows into the root system.

.....

c) What does **part B** grow into after germination?

.....

d) Why is the above maize grain called a **fruit** but not a **seed**?

.....

47.a) What are **non – living things**?

.....

.....

b) List **any two** examples of the above things mentioned in (a).

i)

ii)

c) Give **any one** importance of the sun in the environment.

.....

48.a) Briefly explain the term **soil profile**.

.....

.....

b) Which component of soil makes it fertile?

.....

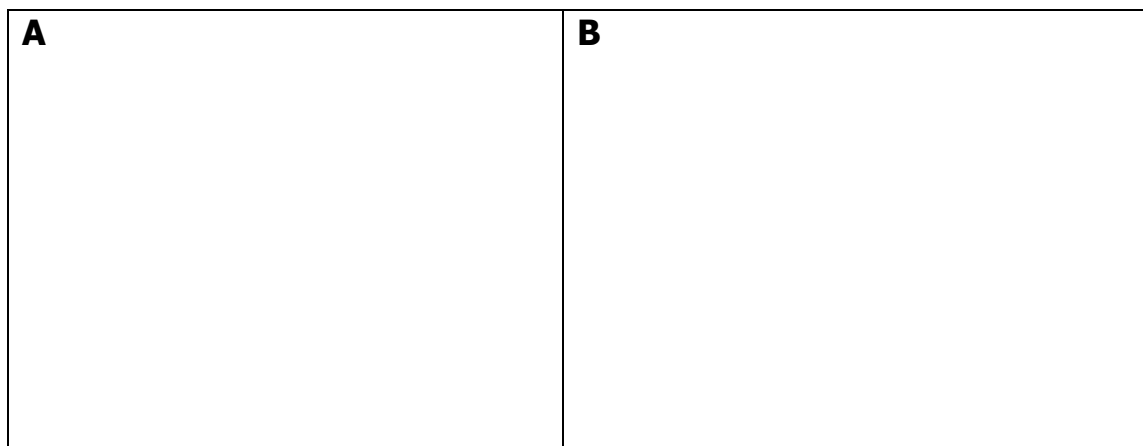
c) State **any one** use of soil to man.

.....

d) Name **the type of soil** used by man to construct houses.

.....

49. There are two diagrams. Use them to answer questions that follow.



a) Name the type of leaf venation in part **A** and **B**.

i) **A**

ii) **B**

b) Write down **any one** example of a plant with the same leaf venation in part **B**.

.....

c) Which **part** represents the type of leaf venation do monocotyledonous plants have?

.....

50.a) What is **personal hygiene**?

.....
.....

b) Outline **any two** items used to promote personal hygiene.

i)

ii)

c) State **any one** way a P.4 child can promote personal hygiene.

.....

51.a) Give **any two** materials that enable plants to make their own food.

i)

ii)

b) How is **chlorophyll** useful during the process of photosynthesis?

.....

c) Why are plants **unable** to make their food at night?

.....

52. Name **any two** examples of each of the following crops.

a) Leguminous crops

i)

ii)

b) Cereal crops

i)

ii)

53.a) How do the following animals move?

i) fish

.....

ii) snake

.....

b) Where does a fish spend most of its life?

.....

c) What name do we give to the **young one** of a fish?

.....

54.a) Crop pests are living organisms which destroy farmer's crops.

List **any two** examples of them.

i)

ii)

b) Apart from crop rotation, give **any other two** ways of controlling crop pests.

i)

ii)

55.a) Define the term **weather**.

.....

.....

b) Name **any two** elements of weather.

i)

ii).....

c) How is **a wind vane** important at a weather station?

.....

END

"Yes we can"