

HORIZON JUNIOR SCHOOL - NSAGGU

"To Lead Not To Follow"

EMAIL: horizonjs23@gmail.com

**END OF TERM ONE 2024 ASSESSMENT
INTERGRATED SCIENCE
PRIMARY FOUR**

PUPILS' NAME: _____

PUPILS' ADMISSION NUMBER: _____

FULL DATE: _____

INSTRUCTIONS TO THE LEARNER

1. Always write your name in capital letters.
2. This paper should be done in **2hours** and **15Minutes**.
3. The paper has **two** sections **A** and **B**.
4. Attempt **all questions** in both sections.
5. Use a **neat, clear** and **good handwriting**.
6. Use a pencil to draw diagrams.
7. Do not fill anything in the boxes indicated **For Examiners' Use Only**.

For Examiner's Use Only

SECTION	MARK	INITIALS

Examiners' Comment

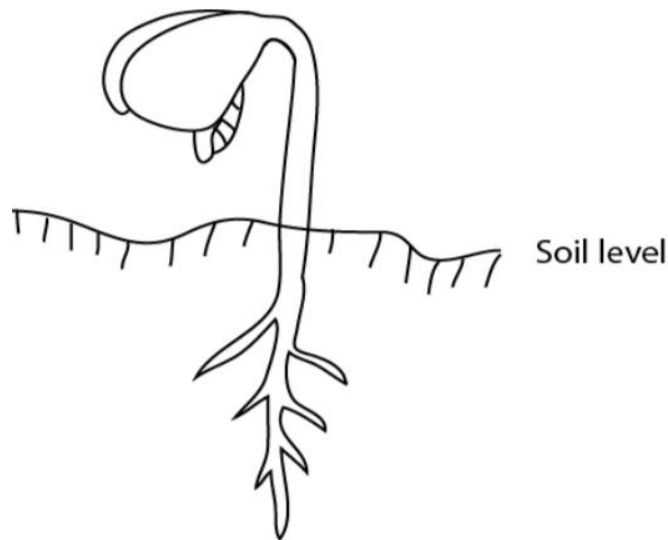
SECTION A (40 Marks)

1. Write any one characteristic of living things.

2. Of what importance is a broom in promoting sanitation?

3. Give one reason why animals move from one place to another.

The diagram below shows a germinating seed, study it carefully and use it to answer questions 4 and 5.



4. What type of germination is shown in the diagram above?

5. To which group of flowering plants does the germinating seed belong?

6. State any one method of planting.

7. What is the main natural source of light?

8. Which gas has the highest percentage in the environment?

9. State any one sign of disease on plant leaves

10. In whichh one way is soil useful to rats and squirrels?

11. Give any one danger of too much sunshine

12. In whichh season is harvesting of crops done?

13. Why is loam soil regarded as the best for growing crops?

14. What is the importance of gap filling in crop growing

15. Why is it important to cover left over food?

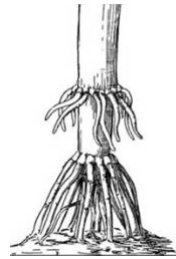
16. Which part of an insect is used for breathing?

17. Give any one item used to promote personal hygiene.

18. State any one way in which alcoholism affects a family

19. List down any one example of an annual crop

20. Name the roots shown in the diagram below



21. Give one use of a dustbin at home

22. Name the male part of a flower.

23. Give any **one** importance of a stem to a plant

24. Mention any **one** type of a stem

25. Give any **one** raw material needed in photosynthesis

26. State any **one** example of a non – flowering plant.

27. Why is a sugarcane not regarded as a stem – tuber?

28. Why do you think plants cannot make their own food at night?

29. Give **one** reason why some plants climb others

30. State any **one** type of leaf venation

31. In which **one** way do plants purify the environment?

32. Give any **one** factor which affects the rate of transpiration

33. State **one** condition needed by plants to carry out photosynthesis

34. Suggest any **one** reason why some seeds fail to germinate

35. Give any **one** example of a flowering plant

36. State any **one** way in which stems are useful to people

37. What is a seed?

38. In which way do non – flowering plants reproduce?

39. Of what importance is photosynthesis to animals?

40. Give one way plants reduce the rate of transpiration

SECTION B (60 Marks)

41. a) What are flowering plants?

b) Name three parts of a flowering plant

I. _____

II. _____

c) Of what importance is a plumule to the growth of a flowering plant?

42. a) Give any two reasons why some plants climb others

I. _____

II. _____

b) Name three methods in which plants climb others

I. _____

II. _____

43. a) What is fertilization?

b) Give any one effect of fertilization

I. _____

c) State any two characteristics of monocot seeds

I. _____

II. _____

44. What do the following terms mean?

a) Mulching

b) Thinning

c) Pruning

d) Weeding

45. a) What is personal hygiene?

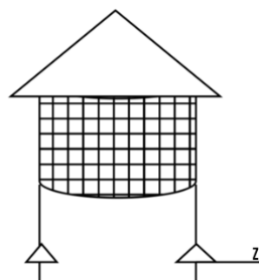
b) Name one item used to promote personal hygiene

c) In which two ways is personal hygiene important?

i. _____

ii. _____

46. *Study the diagram below and answer questions about it*



a) Name the structure above

b) Name part labeled **Z** on the structure above

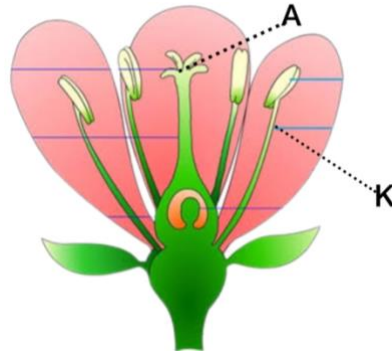
c) Of what importance is part labeled **Z** ?

d) State any one crop stored in the above structure.

47. a) What is a flower?

b) State any one use of flowers to people.

Study the diagram below and answer questions about it



c) Name parts labeled

K _____. **A** _____.

48. a) What is transplanting?

b) What garden tool is used in transplanting?

c) State any two reasons why transplanting is done in the evening.

i. _____

ii. _____

49. What is Science?

b) Suggest any two reasons why we learn Science

I. _____

II. _____

c) State any one reason why you like Science

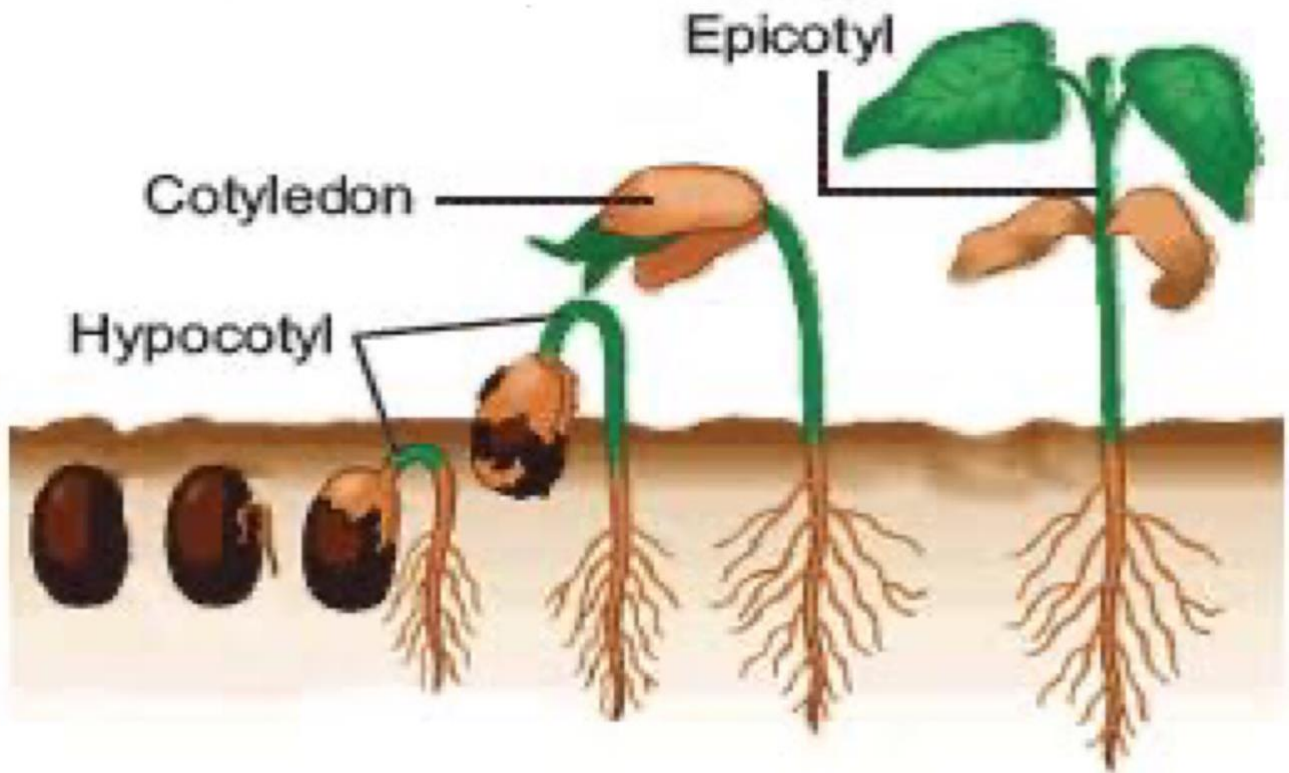
50. a) What is a nursery bed?

b) Write down any two crops planted in a nursery bed.

• _____ • _____

c) Give any one importance of a nursery bed.

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



- a) What type of germination is shown in the diagram above?

- b) Apart from the above type of germination, name any other type of germination.

- c) Name any two plants which undergo the germination type in the diagram above..
 - i. _____
 - ii. _____

52.a) Define the term air.

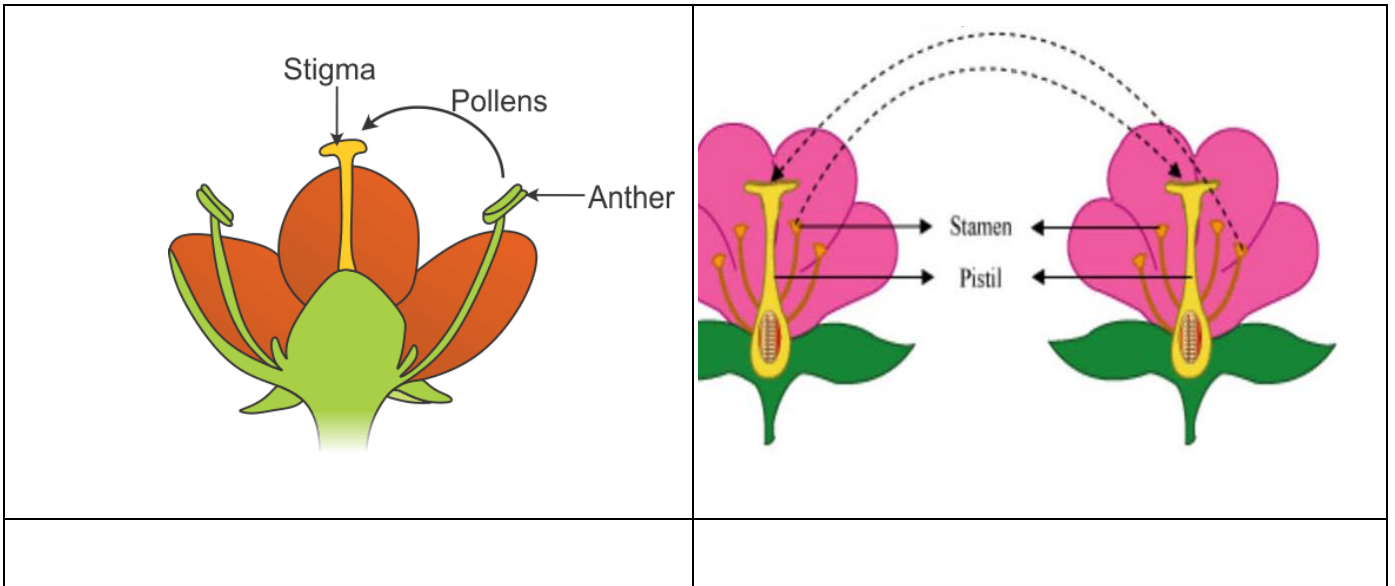
- b) Write down any two properties of air.
 - i. _____
 - ii. _____
- c) Which component of air occupies the biggest percentage in the environment.

53.a) Mention any two root systems

- i. _____
- ii. _____
- b) State any two uses of roots to a plant
 - i. _____
 - ii. _____

54.a) What is pollination?

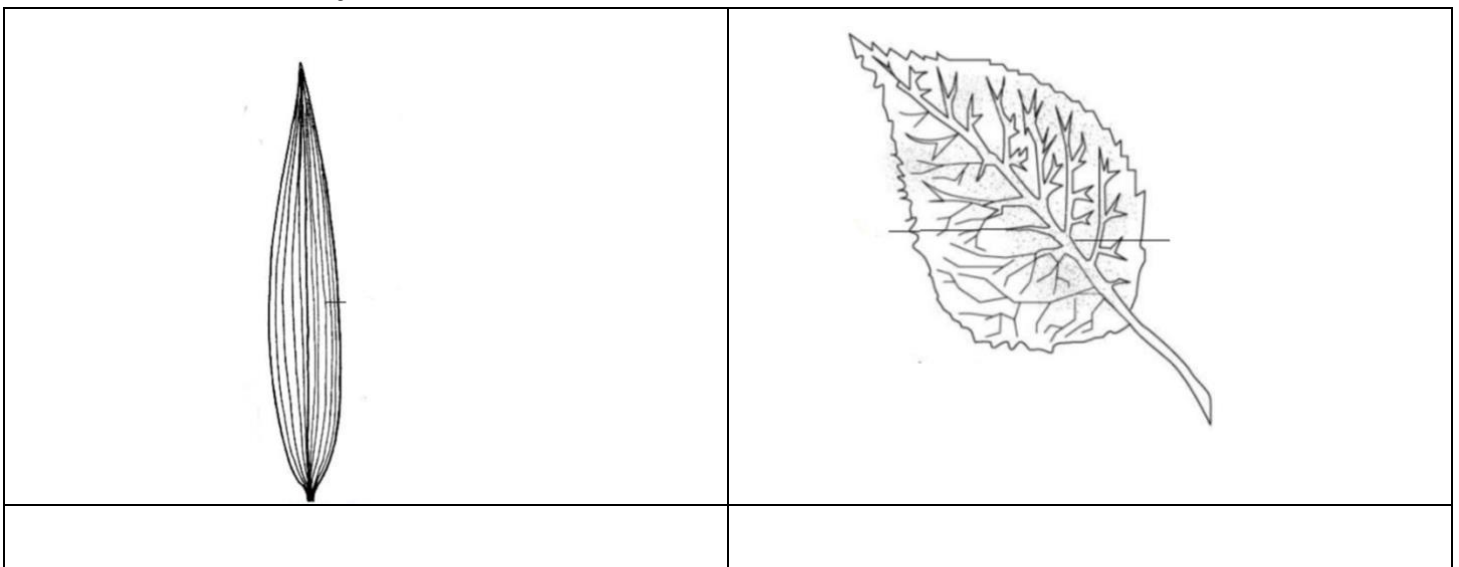
b) Name the types of pollination below



c) Give any one characteristic of insect pollinated flowers

55.a) Define the term leaf venation.

b) *Name the leaf venation shown below*



c) Name the part of the leaf where photosynthesis occurs

~~~ **IT IS EASY TO SCORE 100% IN SCIENCE** ~~~