THE E-LEARN EXAMINATIONS BOARD

B.O.TERM ONE EXAMINATIONS 2024

PRIMARY FIVE

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Pupil's Name: .....

School Name: .....

District Name: .....

Read the following instructions carefully:

1. Do not forget to write your **school** or **district name** on the paper.
2. This paper has **two** sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **12 printed pages** altogether.
3. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. **All** answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper.

FOREXAMINERS 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		
TOTAL		

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Turn Over

SECTION A: 40 MARKS

Questions **1** to **40** carry **one mark** each.

1. Name the gas that supports burning.

   .....

2. Why do we boil water for drinking?

   .....

3. What name is given to food made by plants?

   .....

4. Identify **one** reason why farmers mulch their gardens.

   .....

5. Write down **one** animal that can live both on land and in water.

   .....

6. Which weather condition is managed by standing under a shade?

   .....

7. Name the sense organ for hearing.

   .....

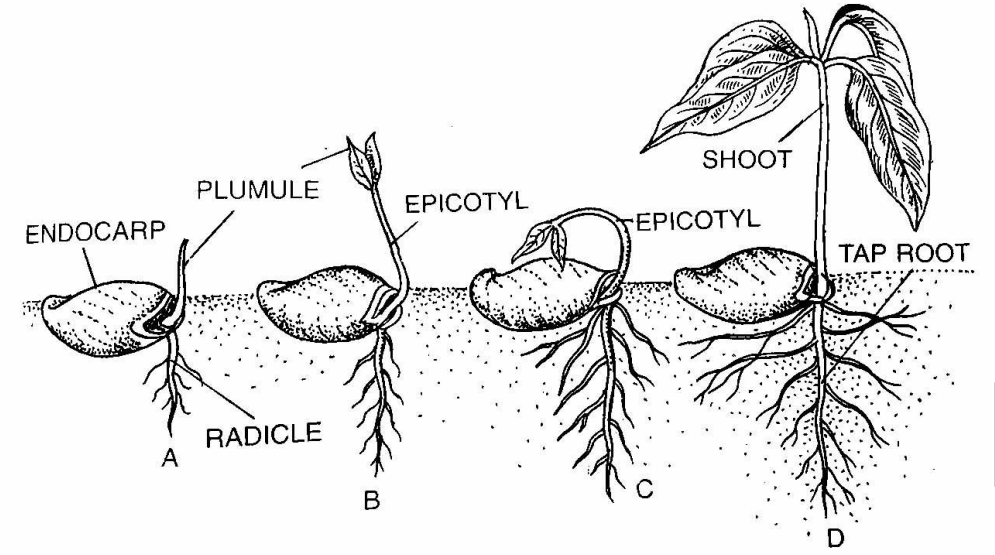
8. Why do some plants climb others?

   .....

9. How is the surgical spirit useful in giving first aid?

   .....

10. Name the type of seed germination shown above.



.....

11. Give **one** way people contaminate water.

.....

12. Give **one** method of controlling soil erosion in hilly areas.

.....

13. Why can't plants make their own food at night?

.....

14. Which component of soil holds soil particles together?

.....

15. How is rusting similar to burning?

.....

16. Name **one** place where germs are found.

.....

17. Identify the person trained to give first aid?

.....

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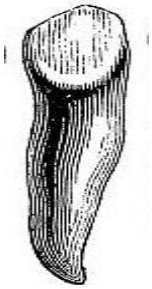
18. Why do some objects float on water?

.....

19. How are flowers important to plants?

.....

20. Identify the type of teeth shown below.



.....

21. How are gills useful to a fish?

.....

22. State any **one** good eating habit.

.....

23. Why can't a mushroom make its own food?

.....

24. Write any **one** perennial crop.

.....

25. Why is breast milk the best food for babies?

.....

26. Give **one** example of a leaf vegetable.

.....

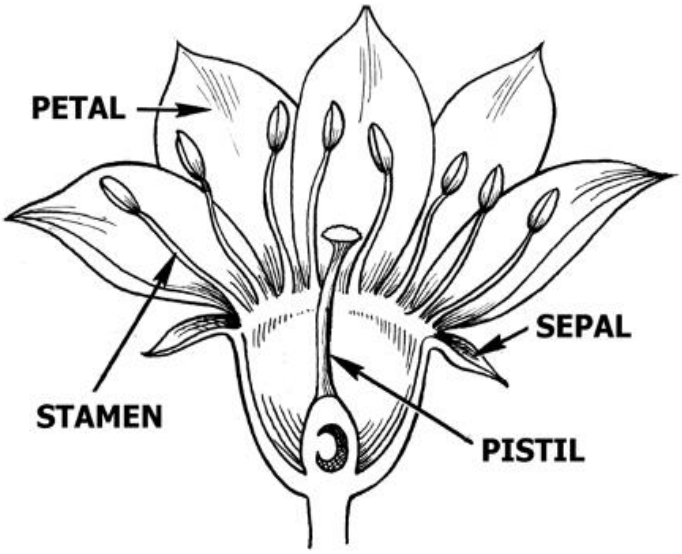
27. How does a chameleon protect itself from danger?

.....

28. Name any one solute used in the preparation of ORS?

.....

29. *The diagram below shows part of a flower. Use it to answer the questions that follow.*



Use the arrow and letter **N** to show the part that receives pollen grains

30. Why is loam soil best for crop growing?

.....

31. Mention **one** group of living things in the environment.

.....

32. Write HIV in full.

.....

33. What is transpiration?

.....

34. Name the vector for rabies.

.....

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35. Give any **one** example of a root tuber.

.....

36. Mention **one** traditional method of preserving fish.

.....

37. State any **one** weather condition.

.....

38. How is wind useful to man?

.....

39. Name the insect which pollinates flowers at night.

.....

A P.4 pupil carried out the experiment below, use it to answer question **40**



40. What is the experiment showing about air?

.....

SECTION: B 60 marks

Questions **41** *to* **60** *carry four marks*

41. (a) What is pollination?

……

(b) Give any **one** type of pollination.

……

(c) What is the role of a bee in the process of pollination?

……

(d) Give any **one** characteristic of insect pollinated flowers.

……

42. (a) What is a vector?

……

(b) *Match the vectors in List* **A** *to the diseases they spread in list* **B**.

List (A) Vector	**List (B) Disease**
Female anopheles mosquitoes	Sleeping sickness
Cockroaches	scabies
Tse-tse flies	Malaria
Houseflies	Dysentery

43. (a) Write O.R.S in full.

……

(b) Write **four** step followed when preparing O.R.S?

……

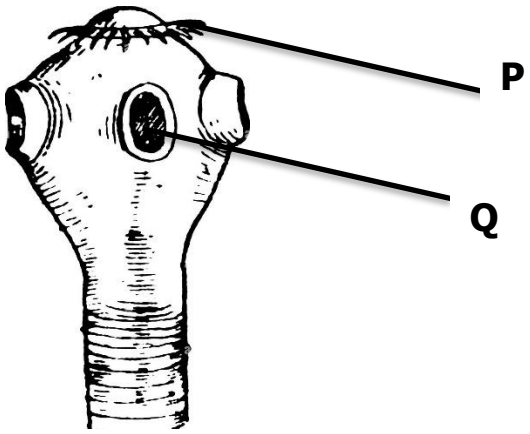
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……

44. *Study the diagram below and use it to answer the questions that follow.*



(a) Name the parts marked **P** and **Q**

P……**Q**……**…**

(b) What scientific name is given to the worm above?

……

(c) What does the above worm feed on?

……

45. (a) State **two** conditions of weather.

(i) ……

(ii) ……

(b) How is a wind vane useful at a weather station?

……

46. (a) What are social insects?

……

……

(b) Give any **two** examples of social insects.

(i) .....

(ii).....

(c) Why are bees referred to as social insects?

.....

47. (a) Write down **two** examples of diarrhoeal diseases.

(i) .....

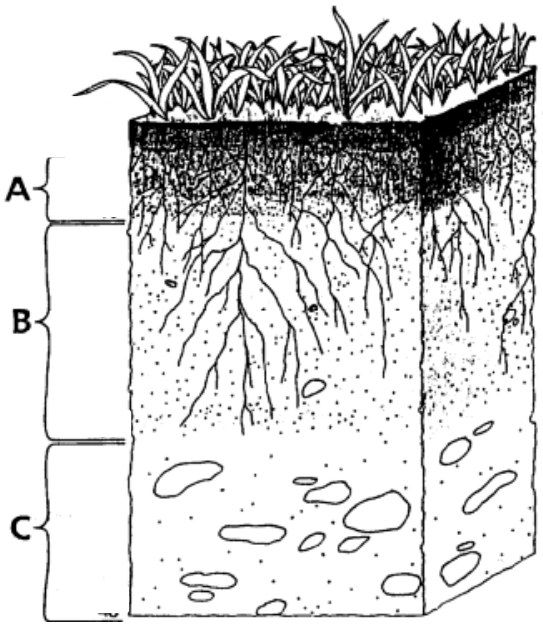
(ii).....

(b) Suggest **one** way of controlling the above diseases.

(i).....

(ii).....

48 *The diagram below shows a vertical arrangement of soil layers. Study it carefully and answer the questions that follow.*



(a) What name is given to the above arrangement of soil layers?

.....

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(b) Name **one** organism found at layer **A**

……

(b) Where can we observe the above arrangement in the environment?

……

49. (a) What is personal hygiene?

……

(b) Name any **two** ways you can keep your body clean.

(i)……

(ii)……

(c) Why do we bathe daily?

……

50. (a) Give any **one** example of a domestic bird.

……

(b) Name the part of a bird used for seeing.

……

(c) Give **two** reasons why people keep birds at their homes.

(i) ……

(ii) ……

51 (a) What name is given to the place where seeds are first planted?

……

(c) Write **two** reasons why you think the place named in (a) above is important.

(i) .....

(ii).....

52. Name **two** exotic breeds of rabbits.

(i).....

(ii).....

(a) Why is a rabbit hutch raised above the ground?

.....

(b) Give any **one** advantage of keeping rabbits.

.....

53. (a) Write down any **two** causes of dehydration in children.

.....

(b) State any **one** sign of dehydration in children.

(i) .....

(ii) .....

(c) Suggest **one** way of controlling dehydration in children.

.....

54. (a) Name the type of soil used for making the following.

(i) pots .....

(ii) glass .....

(b) Apart from humus, give any other component of soil.

.....

(a) How can a farmer make soil more fertile?

.....

Turn Over

55. *Draw and name* **four** *materials used for sanitation in the spaces provided below.*

END