



THE E-LEARN EXAMINATIONS BOARD

P.4 END OF TERM ONE EXAMINATION

2025

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.					Personal No.		

Pupil's Name:

School Name:

District:

Read the following instructions carefully:

1. Do not forget to write your **school** and **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 **10 printed pages** altogether.
3. Answer **all** questions. **All** answers for 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 other than drawings 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.

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		
TOTAL		

SECTION A: 40 MARKS

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

1. Give any **one** living component of the environment.

.....

2. Give any **one** way in which soil is important to plants

.....

3. Name the disease which is spread by a female anopheles mosquito.

.....

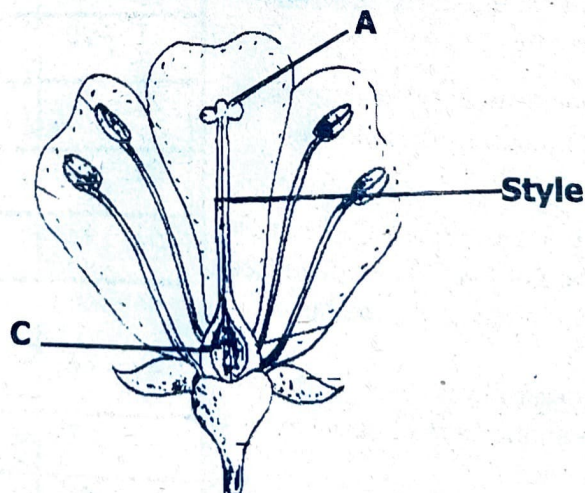
4. Mention any **one** item used to make crafts.

.....

5. How are spiracles useful to insects?

.....

The diagram below is a section of a flower. Use it to answer questions 6 and 7.



6. Name the part marked **A**.

.....

7. What does part **C** develop into after fertilization?

.....

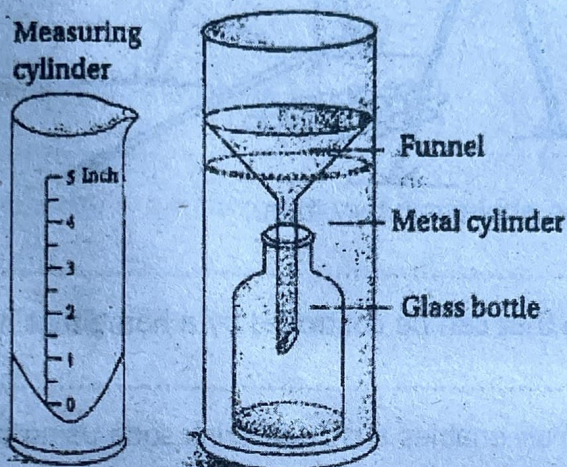
8. Give any **one** example of accidents.

.....

9. Name the component of air which occupies the least percentage in the atmosphere.

.....

The diagram below is of a weather instrument. Study it carefully and use it to answer questions **10** and **11**.



10. Name the above weather instrument.

.....

11. Why is the above weather instrument placed in an open place?

.....

12. Name any **one** source of light in the environment.

.....

13. Give any **one** example of pet animals.

.....

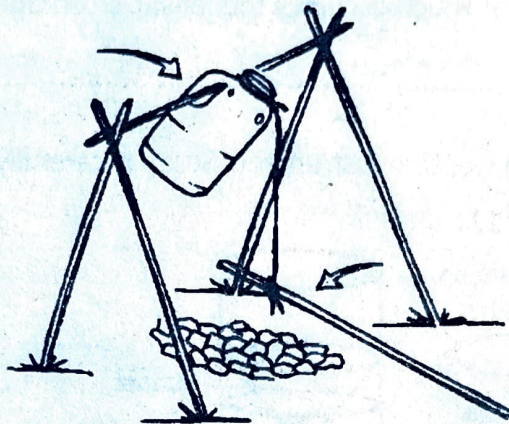
14. Give **one** way of preventing body odour among people.

.....

15. Name the component of soil that holds soil particles together.

.....

The diagram below is of a sanitary item. Use it to answer questions **16** and **17**.



16. Give the use of the above sanitary item.

.....

17. Write one disease that can be controlled by a home that has the above item.

.....

18. Which property of air enables a child to drink soda using a straw?

.....

19. Give any **one** characteristic of insects

.....

20. State any **one** use of electricity at home

.....

21. State any **one** element of weather managed by using an umbrella.

.....

22. Name any **one** disease spread by houseflies.

.....

23. Give the use of chlorophyll during photosynthesis.

.....

24. Why are nimbus clouds important to crop farmers?

.....

25. Name the part of a seed that grows into the shoot system during germination.

.....

26. Give any **one** example of social insects.

.....

27. Name the body sense that enables a P.4 child to tell whether porridge is hot.

.....

28. Give **one** reason why we eat food.

.....

29. Why are we advised to use a sponge when bathing?

.....

30. Give any **one** method plants with weak stems use to climb others.

.....

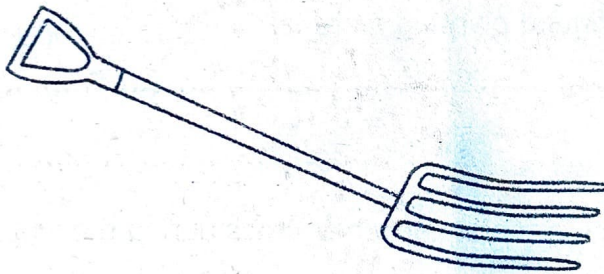
31. What do we call the male part of a flower?

.....

32. Give the use of a comb when promoting personal hygiene.

.....

The diagram below shows a garden tool. Study it carefully and use it to answer questions **33** and **34**.



33. Identify the garden tool shown above.

.....

34. How useful is the garden tool above?

.....

35. How can a P.4 child prevent dust when sweeping a classroom?

.....

36. Which type of family has a father, mother, and their biological children?

.....

37. Give a reason why a lion is regarded as a wild animal.

.....

38. Give any **one** advantage of getting food from the garden.

.....

39. Give any **one** use of the property of air exerts pressure in our daily life.

.....

40. State any **one** condition necessary for seed germination.

.....

SECTION B: 60 MARKS

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

41. a) Give any **two** qualities of good planting material.

(i)

(ii).....

b) State any **one** reason why farmers plant their crops during the wet season.

.....

c) What would happen if a farmer plants damaged seeds?

.....

42. a) Give any **one** condition necessary for rusting to take place.

.....

b) State any **two** ways of preventing metallic tools from rusting.

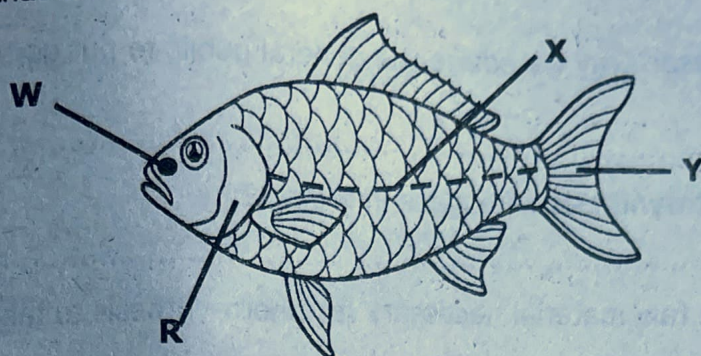
(i).....

(ii).....

c) Mention any **one** danger of rusting to metallic tools.

.....

43. The diagram below shows the structure of a fish. Study it carefully and answer questions that follow



- a) Name the parts that marked **W** and **Y**.

W

Y

- b) Give the use of the part marked **X**.

.....

- c) Identify the structures protected by part marked **R**

.....

44. Match the garden tools below in List A to their use in List B.

List A

Panga

Sickle

Hoe

Tape measure

List B

For digging

For cutting small trees

For spacing crops

For harvesting cereals

Panga

Sickle

Hoe

Tape measure

45. a) Give the meaning of the term personal hygiene.

.....

.....

- b) Mention any **two** reasons for keeping personal hygiene.

(i)

(ii)

- c) Give any **one** reason why we advise the general public to put garbage in proper places.

.....

46. a) Where does photosynthesis take place in a plant?

.....

- b) Mention any **one** raw material necessary for photosynthesis to take place.

.....

- c) State any **two** ways in which animals benefit from the process of photosynthesis.

(i)

(ii)

47. **A Primary four pupil mixed soil and water in a container and covered it. After some time, a component of soil was observed floating on top of the water.**

- a) What was the above experiment about?

.....

- b) Which component of soil was formed on top water?

.....

- c) How is the component in (b) above formed?

.....

- d) Apart from the above component, give any **one** other component of soil.

.....

48. a) Give any **two** sources of food in the environment.

(i)

(ii)

- b) Identify any **one** good health habit done before serving food.

.....

- c) State any **one** sign of food that has gone bad.

.....

49. a) Identify the:

- (i) Component of air with the highest percentage.

.....

(ii) Component of air with the least percentage.

b) Give any **one** use of each of the following components of air to people.

(i) Oxygen

(ii) Carbon dioxide

50. a) Identify the characteristics of living things that:

(i) Enables them to increase in number

(ii) Protects them from the dangers of body wastes

b) Apart from the above characteristics, state any **two** other characteristics of living things.

(i)

(ii)

51. The table below shows weather elements, their instruments, and their uses. Study and complete it.

ELEMENT	INSTRUMENT	USE
sunshine		Measures the strength of sunshine received in a place
	anemometer	Measures the speed of wind
rainfall	rainguage	
	thermometer	Measures temperature

52. a) Give **two** examples of domestic animals.

(i)

(ii)

b) Identify the products we get from domestic animals.

c) Give a reason why domestic animals are commonly found in rural areas.

53. a) Give a reasons why a moth is able to locate flowers at night.

b) Apart from the above, give any **two** other characteristics of moths.

(i).....

(ii).....

c) Write **one** importance of moths.

54. Complete the following sentences about the sun:

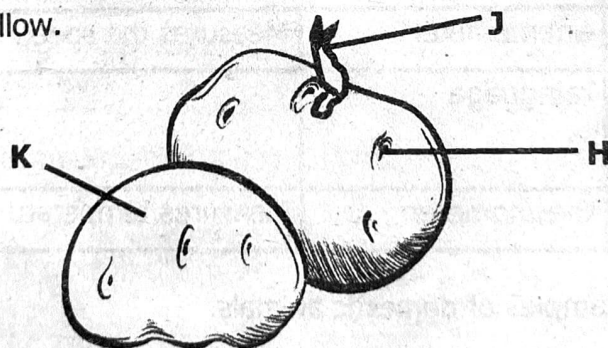
a) The sun helps our bodies to make vitamin

b) The sun is the main natural source of

c) When the sun heats a water body,occurs.

d) Which process in plants is sunlight used to make food?

55. The diagram below shows an Irish potato. Study it carefully and use it to answer the questions that follow.



a) Name the parts marked **H** and **J**.

H

J

b) State the use of part marked **K**.

c) Which class of food is gotten from an Irish potato?

END