



THE REPUBLIC OF UGANDA

TAAND EXAMINATIONS BOARD

CONTINUOUS ASSESSMENT EXAMINATION TERM II.

PRIMARY FOUR **INTEGRATED SCIENCE**

Time Allowed: 2 hours 15 minutes

Pupil's Name:

Pupil's Signature:.....

School Name:.....

Sub-County:

Read the following instructions carefully:

1. This paper is made up of two Sections: A and B.
2. Section A, has 40 short-answer questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Answer ALL questions. All answers to both Sections A and B **MUST** be written in the spaces provided.
5. All answers **MUST** be written using a blue or black ball-point pen or ink. Only diagrams should be done in pencil.
6. Unnecessary alteration of work may lead to loss of marks.

**FOR EX
USE**

Qn. No.	
1 - 10	
11 - 20	
21 - 30	
31 - 40	
41 - 43	
44 - 46	
47 - 49	
50 - 52	

SECTION A: (40 Marks)

1. What food value do we get from eating beans?

2. Name **one** method of planting seeds.

3. Mention the part of a plant that makes food.

4. Apart from the shoot system, name another system of a flowering plant.

5. Name any **one** cereal crop stored in granaries.

6. Mention any **one** activity done by people to clean their hair.

7. Which part of air is needed by seeds during germination?

8. Name the body organ shown below.



9. Give **one** reason why we iron our school uniform.

10. Mention **one** plant material used to make crafts.

11. Write down **one** example of a perennial crop.

12. Why do some plants climb others?

13. Name any **one** animal with eight legs.

14. Write **one** process involved in rain formation.

15. What do we call the diseases caused due to lack of certain food values in the body?

16. Which part of a flower produces pollen grains?

17. Name **one** insect eaten by man.

18. Why should a granary have rat guards?

19. Write down any **one** property of air.

20. Identify any **one** crop pest found in the garden

21. What do we call a mixture of gases?

Use the diagram below to answer questions 22 and 23.



22. Name the garden tool shown above.

23. State the use of the above garden tool.

24. Give **one** use of electricity in a home.

25. Name the main natural source of water in the environment.

26. Mention any **one** plant with a tap root system.

27. What happens to the ovules of a flower after fertilization?

28. Mention any **one** type of weather.

29. Name the body organ that filters blood.

30. Write **one** item a clean home should have.

31. Identify the disease caused by lack of vitamin D in the body.

32. How many lungs are found in the human body?

33. What do we call the transfer of pollen grains from the anther to the stigma?

34. Write **one** insect which lays its eggs on stagnant water.

35. Name the class of food that protects us from diseases.

36. Why do people keep cats at home?

Use the diagram of a leaf below to answer question 37.



37. Name the part of the leaf marked Z.

38. Give the best type of soil for pottery.

39. Name another type of cloud apart from nimbus.

40. What do insects use to breathe?

SECTION B: (60 Marks)

41. (a) What is personal hygiene?

(b) State any **two** ways of promoting personal hygiene.

(i) _____

(ii) _____

(c) Mention **one** item used to promote personal hygiene.

42. (a) Give **two** examples of insects.

(i) _____

(ii) _____

(b) Give **two** uses of insects to people.

(i) _____

(ii) _____

43. (a) Why do farmers mulch their gardens?

(b) Give any **two** materials farmers use for mulching.

(i) _____

(ii) _____

(c) Apart from mulching, give **one** other way farmers care for their crops.

44. (a) Name any **two** types of soil.

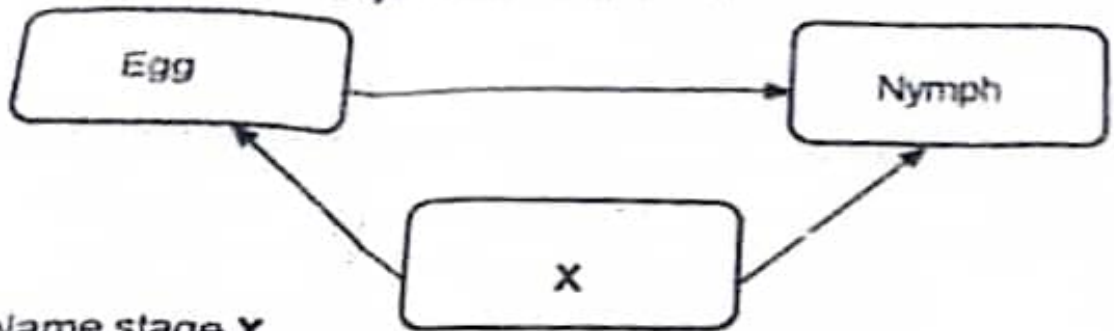
(i) _____

(ii) _____

(b) Write down **two** uses of soil to people.

(i) _____

Study the diagram showing the life-cycle of an insect and answer the questions that follow.



(a) Name stage X.

(b) What type of life cycle is shown above?

(c) Mention any **two** insects that undergo the above life cycle.

(i)

(ii)

46. (a) Name the human body organ used for;

(i) Thinking _____

(ii) Pumping blood _____

(iii) breathing _____

(b) State one way of keeping body organs healthy.

47. (a) Mention **two** sources of water in our community.

(i)

(ii)

(b) Give **two** ways water is useful to people.

(i)

(ii)

48. (a) What is leaf venation?

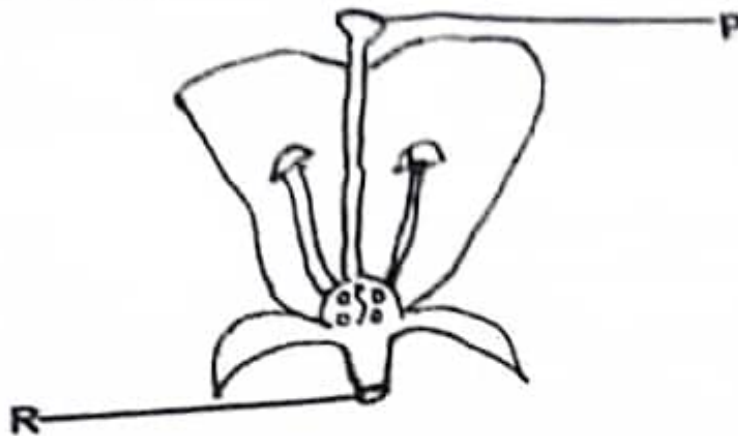
(b) Name **two** types of venation.

(i)

(ii)

(c) Mention **one** plant with parallel leaf venation.

The diagram below is of a flower. Use it to answer questions that follow.



(a) Name the parts labelled;

(i) P _____

(ii) R _____

(b) Give **one** use of flowers to people.

(c) Which part of a flower attracts pollinators?



50. (a) What is meant by the term germination?

(b) State **two** types of germination.

(i) _____

(ii) _____

(c) Name **one** example of a plant with epigeal germination.

51. (a) Give **two** types of leaves.

(i) _____

(ii) _____

(b) Mention **two** uses of leaves to a plant.

(i) _____

(ii) _____

Match the following weather instruments with their uses correctly.

List A

- (a) Barometer
- (b) Windvane
- (c) Raingauge
- (d) Anemometer

List B

- Shows direction of wind.
- Measures the amount of rainfall.
- Measures speed of wind.
- Measures air pressure.

- (a) Barometer _____
- (b) Windvane _____
- (c) Raingauge _____
- (d) Anemometer _____

53. (a) Give any **two** reasons why we keep food safe.

- (i) _____
- (ii) _____

(b) Mention any **two** ways of preserving food.

- (i) _____
- (ii) _____

54. (a) Something good to eat and drink is known as _____

(b) State any **two** reasons why people eat food.

- (i) _____
- (ii) _____

(c) State any **one** role of food in our body? _____

55. Complete the table correctly.

Deficiency disease	Cause
Marasmus	Lack of carbohydrates.
(a) Kwashiorkor	Lack of _____
(b) _____	Lack of vitamin A.
(c) Goitre	Lack of _____
(d) _____	Lack of vitamin C.

****END****