



OUTREACH SCHOOLS EXAMINATIONS BOARD

BEGINNING OF TERM II EXAMINATION 2023

P.5 INTEGRATED SCIENCE

Time Allowed: 2 hours 15 Minutes

Pupil's Name:

Class:

School Name:

Read the following instructions carefully:

1. This paper has two sections: **A** and **B**
2. Section **A** has 40 questions (40 marks)
3. Section **B** has 15 questions (50 marks)
4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
5. All working must be done using a blue or black ball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated
"For examiners' use only" and the 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

1. What gas is used for photosynthesis?

2. By what process does food move from the mouth to the stomach?

3. Which deficiency disease in children is prevented by eating foods rich in proteins?

4. How dangerous is over crowding of birds in a poultry house?

5. Give one example of social insect.

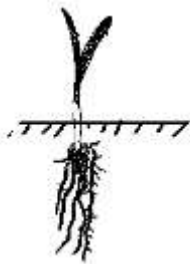
6. A flower has the anther below the stigma. Name the type of pollination which occurs in this flower.

7. Why do farmers rear broilers?

8. Name the type of weather which favours the growing of crops.

9. State the acid that is produced by the stomach walls.

10. **Below is a diagram of a germinating seed.**



What type of germination is shown in the diagram above?

11. How is the rearing of birds important to people?

12. Which sense organ is used for tasting food?

13. Give any one source of carbohydrates.

14. Why do we use soap when bathing?

15. Mention one place in the environment where germs are found.

16. Name the vaccine given to babies at the age of 9 months.

17. Identify one reason why farmers keep farm records.

18. Apart from cholera, name any other diarrhoeal disease.

19. What is personal hygiene?

20. In the space provided below, draw a garden tool used for harvesting rice.



21. Where in the alimentary canal is alcohol absorbed?

22. Name the first set of teeth in young children.

23. Apart from leaves, state one other part of a plant which provides man with food.

24. Why does a feather float on water?

25. Write TB in full.

The diagram below shows a type of a leaf.



26. Name the type of leaf drawn above.

27. Give any one component of air.

28. Write down one process by which soil is formed.

29. State any one importance of water in our school.

30. Why should fruits be washed?

31. Give any one way grasshoppers are important to people.

32. Mention any one requirement to be considered before starting a farm.

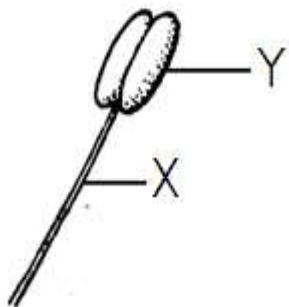
33. Which condition in babies is shown by sunken soft spot on the head?

34. Name the instrument used to measure the human body temperature.

35. Which type of soil has rough and large particles?

36. An object of mass 100g was completely immersed in water and displaces 20cc volume of water. Calculate its density.

The diagram below shows a male part of a flower. Use it to answer questions 37 and 38.



37. Name part marked x.

38. State the function of part marked y.

39. Mention any one product got from bee wax.

40. Give one way a baby can acquire artificial type of immunity.

SECTION B

41. a) Give two examples of flowering plants.

i) _____

ii) _____

b) Write down any one system of a flowering plant.

c) How do flowering plants reproduce?

42. a) Suggest any two ways of keeping our compound clean.

i) _____

ii) _____

b) Write down any two ways of keeping our compound clean.

i) _____

ii) _____

43. a) Write down two causes of soil erosion.

i) _____

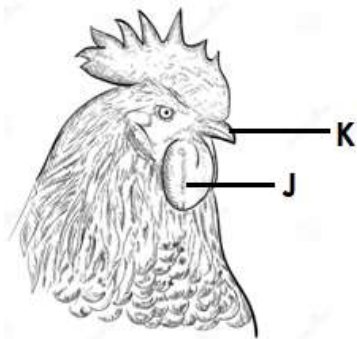
ii) _____

b) Give two ways of controlling soil erosion.

i) _____

ii) _____

44. The diagram below shows part of a hen. Use it to answer questions that follow.



a). Name the parts marked K and J.

K _____ J _____

b). Give one importance of a beak to a bird.

c). State any one difference between a cock and a hen.

45. a) Give any two living components of the environment.

i) _____

ii) _____

b) Give one importance of a beak to a bird.

c) State any one difference between a cock and a hen.

46. a) Give two ways a p.5 child can care for poultry.

i) _____

ii) _____

b) Write down two products we get from poultry.

i) _____

ii) _____

47. a) Define apiculture.

b) Mention the special food given to the queen bee.

c) Write down two products got from poultry.

i) _____

ii) _____

48. Suggest two ways how pupils benefit from planting trees in their school compound.

i) _____

ii) _____

b) Identify two ways how trees in your school compound can be protected and cared for.

i) _____

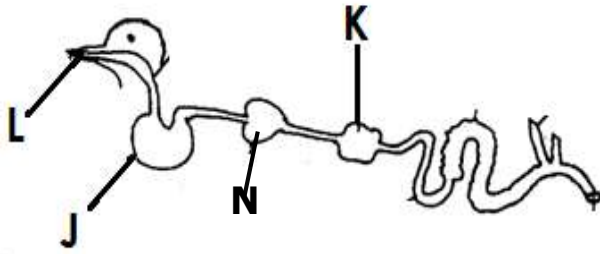
ii) _____

49. Mention two examples of each of the following.

a) Root crops: _____

b) Leguminous crops: _____

50. The diagram below shows the digestive system of a bird.



a) Name the parts marked L and J.

L: _____ J: _____

b) Give the function of part marked N.

c) What scientific name is given to small stones found in part marked K?

51. a) What is mulching?

b) Apart from dry grass, mention one other material used for mulching.

c) Mention two advantages of mulching.

i). _____

ii). _____

52. Mention two pests that attacks maize crops in the garden.

i) _____

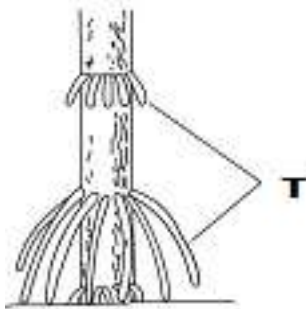
ii) _____

b) Give any two pests that attacks maize crops in the garden.

i) _____

ii) _____

53. Below is a diagram showing a stem of a flowering plant.



a) Name the roots marked T.

b) How are these roots marked T useful to the plant?

c) Mention two plants with such roots marked T.

i) _____

ii) _____

54. a) Write down two types of digestion.

i) _____

ii) _____

b) Name the enzyme that acts on cooked starch in the mouth.

c) Give any one disorder of the digestive system.

55. Match the following correctly.

A

Left upper arm

Mouth

Left upper thigh

Right upper arm

B

polio vaccine

BCG vaccine

measles vaccine

DPT vaccine

i) Left upper arm _____

ii) Mouth _____

iii) Left upper thigh _____

iv) Right upper arm _____

END

