



OUTREACH SCHOOLS EXAMINATIONS BOARD

MIDTERM II EXAMINATION 2023

P.4 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. Which body organ is used for seeing?

2. State any one way of keeping one's body clean.

3. Name the domestic animal that eats rats in a home.

4. Give one use of food to our bodies.

5. Why are maize seeds called monocotyledonous seeds?

6. Mention any one thing made out of clay.

7. How are houseflies dangerous to people?

8. Give one reason why we eat food.

9. Identify one food stuff rich in proteins.

10. Give the use of canine teeth to a person.

11. Which element of weather provides light to the environment?

12. How are trees useful to people?

- 13. Circle the odd man out from the list.**
cow, lion, zebra, elephant
14. In which way are spiracles useful to an insect?

15. Give any one example of childhood immunisable disease.

16. Give any one reason why animals move from place to place.

Below is a garden equipment. Study and use it to answer question 17 and 18.



17. Identify the garden equipment shown.

18. Give one use of the equipment shown to a crop farmer.

19. Give any one use of a beak to a bird.

20. State one way of controlling pests in the garden.

21. How many ears does a normal person have?

22. Name the process by which plants lose water to the atmosphere.

23. Why is loam soil the best soil for crop growing?

24. Write any one way of keeping our homes clean.

25. Mention any one local method of food preservation.

26. Identify one domestic animal which gives milk.

27. What does the above animal named in (26) above use for protection.

28. State any one way of controlling the spread of malaria.

29. What is wind?

30. Why do bees visit flowers?

31. Identify any one body exercise.

32. Give any one importance of body exercises.

33. What term refers to "anything good to eat or drink"?

34. How does a chameleon protect itself against danger?

35. Name the smallest holes on the plant used for breathing.

36. State any one danger of accidents to people.

37. Give any one way of controlling soil erosion.

38. Name one natural source of water.

39. Give any one way you can care for HIV/aids patients.

40. How is dehydration dangerous to people?

SECTION B 60 MARKS.

Questions 41 to 55 carry four marks each.

41. Mention any two components of soil.

i) _____

ii) _____

b) Give any two uses of soil in the environment to man.

i) _____

ii) _____

42. Identify the sense organs for:-

i) Hearing _____

ii) Tasting _____

iii) Feeling _____

iv) smelling _____

43. Name any two parts of a plant.

i) _____

ii) _____

b) Give any two uses of plants to people.

i) _____

ii) _____

44. What is sanitation?

b) State any two ways of promoting sanitation.

i) _____

ii) _____

c) Name any one tool used to promote sanitation.

45. Name one item found in a first aid box.

b) Give two reasons why first aid is given to casualties.

i) _____

ii) _____

c) Write any one example of a dangerous object.

46. The table below shows elements of weather in list A and the use of each element of weather in list B.

List A: elements of weather	List b: Use of each element of weather
sunshine	is a source of water
rainfall	help to form rain
wind	is a source of light and heat.
clouds	can be used for flying balloons.

Match each element of weather in list A to its use list B

Sunshine _____

rainfall _____

wind _____

clouds _____

47. Name the two types of pollination.

i) _____

ii) _____

b) Name any one agent of pollination.

c) Why are petals of some flowers brightly coloured?

48. Mention any two examples of annual crops.

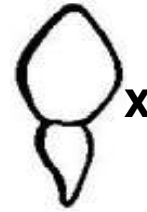
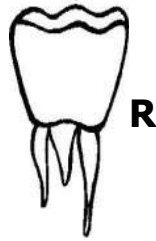
i) _____

ii) _____

b) Give any one way of caring for annual crops in the garden.

c) Write any one example of a crop pest that affects crops in the garden.

Below is a diagram of the structure of teeth. Study and use it to answer question 49.



49. Name the teeth marked R and X.

i) R _____

ii) X _____

b) How many roots has tooth marked X?

c) How can we care for our teeth?

50. Draw these things used to keep our body clean.

soap	tooth brush

b) What term describes the general cleanliness of the body?

c) Give any one danger of not keeping our bodies clean.

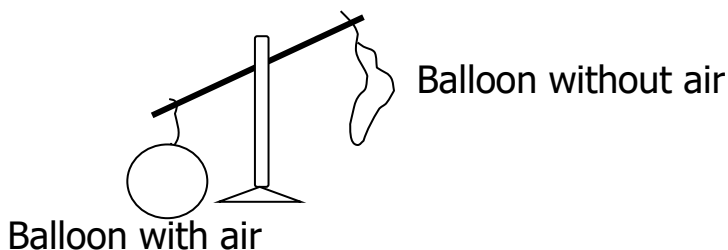
51. What is air?

b) Name any two components of air.

i) _____

ii) _____

c) Name the property of air shown below.



52. Write any two characteristics of living things.

- i) _____
- ii) _____

b) Mention any two examples of non-living things.

- i) _____
- ii) _____

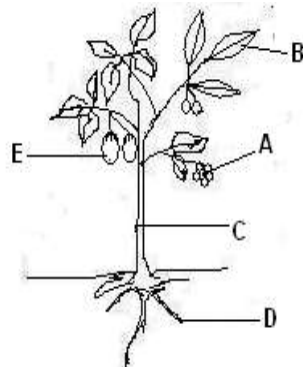
53. How does a fish move?

b) Apart from water, name one other place where wild animals live.

c) Give any two uses of animals to people.

- i) _____
- ii) _____

Below is a drawing of a flowering plant. Study and use it to answer question 54.



54. Name the parts labeled below.

- A _____
- B _____
- C _____

b) Give any one use of part D to the plant.

55. Write two examples of insect vectors.

- i) _____
- ii) _____

b) State any one way vectors spread diseases.

c) Give any one way of controlling insect vectors.

END