

# IBANDA DISTRICT EXAMINATIONS COMMITTEE

## PRIMARY LEAVING MOCK EXAMINATION 2023

### INTEGRATED SCIENCE

**Time Allowed: 2 Hours 15 Minutes**

Random Number					Index No.				

Candidate's Name:.....

School Name :.....

Sub-county:.....

Candidate's Signature.....

**Read the following instructions carefully:**

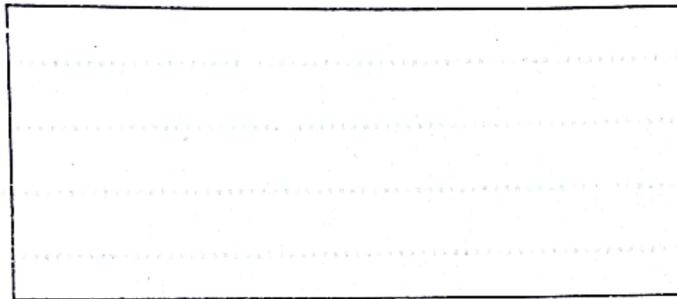
1. This paper has two sections: A and B.
2. Answer all questions. All answers to both sections A and B must be written in the space provided.
3. All answers must be written using a blue or black ball point pen or fountain pen. Diagrams should be drawn in pencil.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in the boxes shown:  
For Examiners' use only.

FOR EXAMINERS' USE ONLY				
QN.NO	EXRS MK	INITIALS	T/L MK	OFFICE
Total				

## SECTION A: (40 marks)

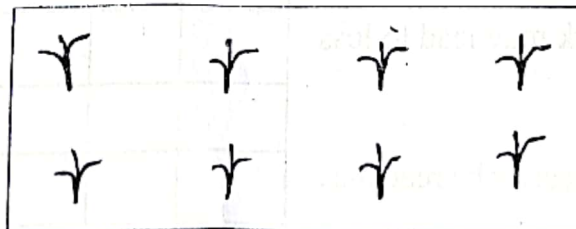
Questions 1 to 40 carry one mark each.

1. Name stage of a grasshopper that develops into an adult.  
\_\_\_\_\_
2. State any **one** importance of saving energy.  
\_\_\_\_\_
3. Apart from immunization, give one other way how poliomyelitis can be prevented.  
\_\_\_\_\_
4. Give any **one** activity done by health club to promote health in markets.  
\_\_\_\_\_
5. Draw a diagram of a tooth used for cutting food.  
\_\_\_\_\_



6. Apart from evaporation, mention any other process involved in rain formation.  
\_\_\_\_\_
7. Mention any **one** method of obtaining clean water from muddy water.  
\_\_\_\_\_
8. Which biological change enables reptiles to increase in size?  
\_\_\_\_\_
9. How does a football player receive sound produced by a whistle during the match?  
\_\_\_\_\_
10. Give any one way how soil depend on bacteria.  
\_\_\_\_\_

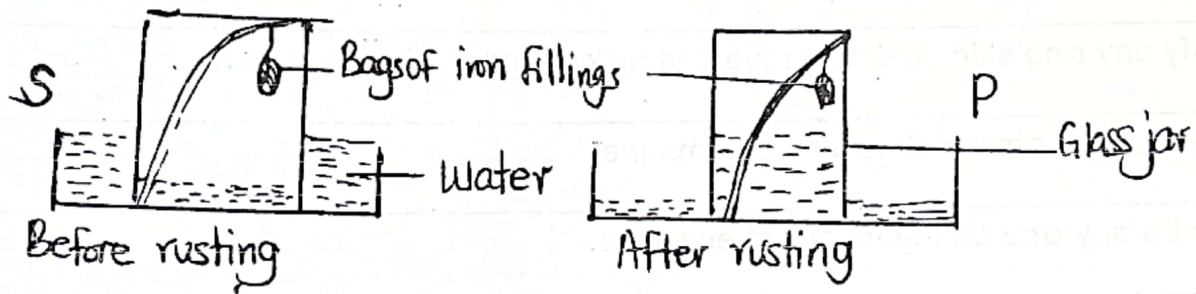
Abdul planted seeds and when germinated the seedlings looked as shown below.



11. Identify the type of sowing Abdul used.  
\_\_\_\_\_
12. Mention the part of human skeleton that protects the reproductive organs.  
\_\_\_\_\_

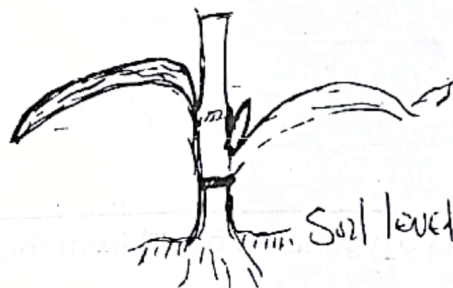
13. Why should VIP latrines be left uncovered?
14. How is reproduction of mushrooms different from that of yeasts?
15. Name the sex deviation where members of the same gender are in sexual relationships.
16. Which element of weather gives us water?
17. Amoti is suffering from scurvy. What advice would you give to him?
18. Why do tyres wear out after some time of moving a long distance?

The diagrams below show an experiment carried out by P.5 pupils.



19. Why did water level rise in the glass jar in diagram?
20. Give any way how alveoli are adapted to gaseous exchange.
21. Name the point on the road from where pedestrians should cross safely.

The diagram below is a part of a flowering plant. Use it to answer questions 22 and 23.



22. Using letter T indicate axil on the above diagram.
23. Apart from maize, give any other one example of cereals.



24. Convert 40 Newtons to Kilograms.

25. Give any **one** reason why people should conserve resources.

26. A rabbit was shivering, had difficulties in breathing and high temperature. What disease was it suffering from?

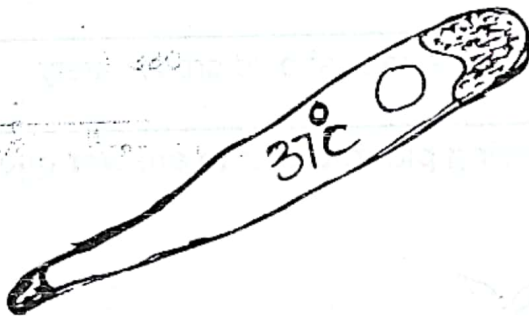
27. Identify any **one** skin disease prevented by keeping our bodies clean.

28. Name the iron ore which is a natural magnet.

29. Describe any **one** characteristic of enzymes.

30. Which part of Irish potatoes is eaten by people as food?

The diagram below shows an item used by medical personnel.



31. How useful is the above apparatus?

32. Name the blood vessel that transports oxygenated blood from the aorta to the kidney.

33. Which law about alcohol use prevents road accidents?

34. Mention any **one** characteristics of non-living things.

35. Describe any **one** importance of organic matter in the soil.

36. Why should a P.5 classroom have a dustbin?
37. Given the following organisms, lizards, grass and grasshopper. Arrange the correct feeding relationship of them.
38. Name the type of edipse formed when the moon obstructs light from the sun from reaching the earth.
39. List any **one** practice which harm farm animals in the abattoir.

The diagram below shows a leg of domestic fowl.



40. Name part marked S.

### SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. Name the **two** systems of a flowing plant.

i) \_\_\_\_\_

ii) \_\_\_\_\_

- b) Mention two parts that make up an embryo.

i) \_\_\_\_\_

ii) \_\_\_\_\_

42. The table below shows parts of lens camera and their uses. Complete it by filling in missing information.

Use	Part
Controls amount of light entering	i) .....
ii) .....	lens
Where the images are formed	iii) .....
iv) .....	Focusing ring

43. a) Name the main natural source of water.

b) State any **two** disadvantages of treating water.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Give **one** use of distilled water.

44. Write any **two** health habits that keep the skeletal system in a good working condition.

i) \_\_\_\_\_

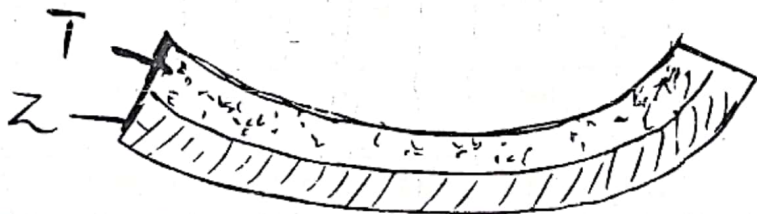
ii) \_\_\_\_\_

b) In which **two** ways are exercises important to the body.

i) \_\_\_\_\_

ii) \_\_\_\_\_

45. The diagram below shows bimetallic strip after heating.



a) Which of the **two** metals is the best conductor of heat?

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Give a reason for your answer in (a) above.

c) State any **two** uses of bimetallic strips.

i) \_\_\_\_\_

ii) \_\_\_\_\_

46. a) Which element of Primary Health Care helps to keep teeth clean?

b) State any **two** principles of Primary Health Care (PHC)

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Write any **one** activity which involves child to child programme.

47. Name the female gamete cells of human beings

b) Write short not on each of the following:-

i) Growth \_\_\_\_\_

ii) Development \_\_\_\_\_



c) Write any **one** secondary sex characteristic common to both girls and boys.

48. a) Who are vulnerable groups of people in our community?


b) Give **one** reason why elderly people and babies require frequent feeding.

c) Mention **two** disadvantages of bottle feeding to a baby.

i) \_\_\_\_\_

ii) \_\_\_\_\_

49. The table shows symbols of circuit element. Complete the table.

Symbol	Name	Use
	i) _____	ii) _____
iii) _____	Switch	(iv) _____

50. a) What type of change is digestion of food?

b) State **two** similarities between chemical and biological changes.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Give any **one** example of physical change.

51. What causes malaria? \_\_\_\_\_

b) Name the component of blood which is affected by germs that cause malaria.

c) Why are mites are vectors? \_\_\_\_\_

d) Write down any one symptom of malaria.

52. a) Give any **one** example of domestic birds.

b) Apart from picking food, give any one other use of a beak to birds.

c) State any **two** reasons why farmers prefer keeping local breeds of chicken over exotic ones.

i) \_\_\_\_\_

ii) \_\_\_\_\_

53. What name is given to factories where crude oil is separated into fuel products?

b) State any **two** fuel products got from crude oil.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) In which way is the use of energy- saving stoves friendly to environment?

54. Name the process of producing alcohol from yeast.

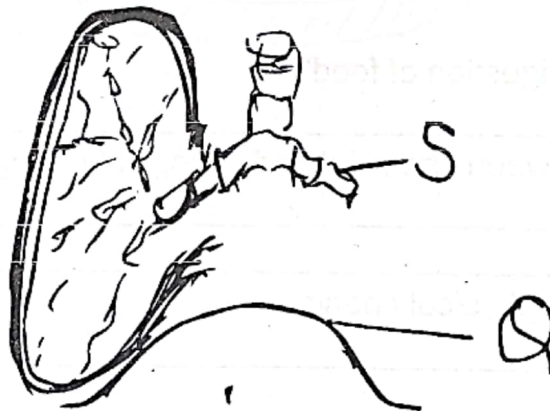
b) List any **two** medical uses of alcohol.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Describe any one effect of alcoholism to the family.

55. The diagram below is of a human lung.



a) Name part marked S

b) In which body part are lungs found?

c) Apart from carbon dioxide, give another waste product excreted by lungs.

d) By which process does oxygen join into the blood stream?

END