



KAUTHAR KIDS JUNIOR SCHOOL-MATUGGA EXAMINATIONS COMMITTEE

MID-TERM I EXAMINATION 2023

PRIMARY SIX INTEGRATED SCIENCE

Time allowed:

2hours 15minutes

NAME.....

1. This paper has two sections A and B.
2. Section A has 40 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 Space provided.
5. All answers must be written using a blue or black ball point pen or ink but not pencil.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Unnecessary alteration of work may lead to loss of marks.
8. Do not write anything in the box with examiner's use only

FOR EXAMINER'S USE ONLY		
Section	MARK	Init.
A		
B		
Total		

SECTION A

1. Name the body organ that enables shaphic to sense the smell from the kitchen.

2. State one way of controlling mosquitoes at the larva stage.

3. Which type of change is destructive to iron and steel metals?

4. Name the class of food which is recommended to Guaivu who is a brick maker at school?

5. How is a swim bladder used to fish?

6. Which substance exists in all the three states of matter?

7. How does a hedgehog protect itself?

8. In which way do bacteria help in the production of yoghurt?

9. What is sound?

10. State any one principal of PHC.

11. State any one advantage of early planting to a crop farmer.

12. Give any one biological method of controlling crop pests in the garden.

13. How does salting help in the preservation of meat?

14. How are the gills of a fish different from that of a mushroom in terms of their function?

15. How do bacteria reproduce?

16. Apart from de-beaking, state any one other way of preventing egg eating in poultry.

17. Name the gas used to by leguminous plants to make proteins.

18. How important is a thermometer to a doctor.

19. Why is the kink in a clinical thermometer bent?

20. Why are you advisable to wash your hands with soap after visiting the latrine?

21. Name any one Source of food.

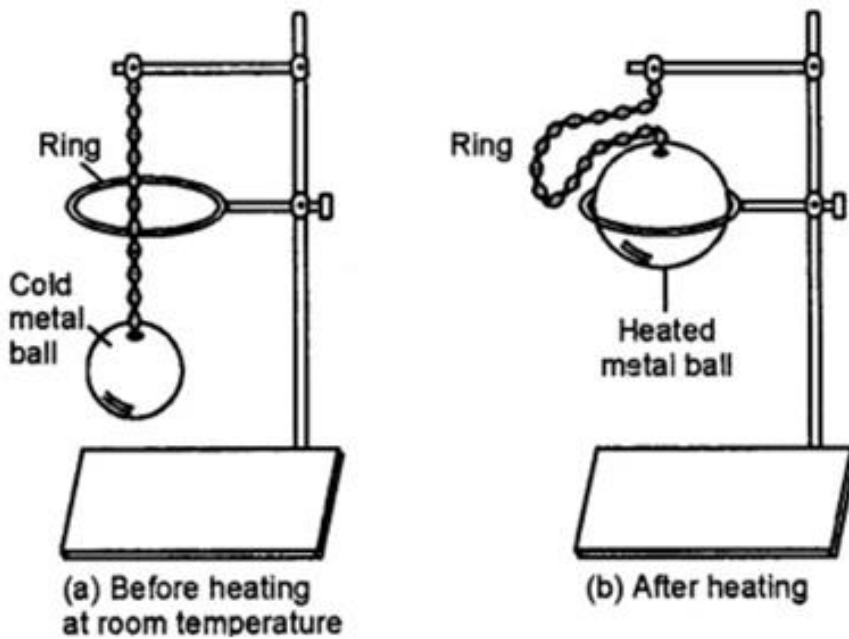
22. State the Importance of rennin in the stomach of a baby.

23. Name the best season for drying harvested crops.

24. What is the importance of sugar when preparing ORS?

25. State the function of root hairs to a germinating plant.

The diagram below shows two metallic ball rings. Study them and answer questions 26 and 27.



26. What does the above experiment shows about metals?

27. Why did the metallic ball in diagram B fail to pass through the ring?

28. How does skunk protect itself?

29. State any one condition necessary for germination to take place.

30. State any one characteristic that enables termites to build anthill within a short period of time.

31. Which group of people are easily harmed due to poor feeding?

32. Give one reason why animals move from one place to another.

33. In which state of matter is smoke?

34. Write down any one activity done to keep food safe for more than a month.

35. Why is transplanting of seedlings done in the evening?

36. Give one example of a sea mammal.

37. Which Vector spreads yellow fever to people?

38. Name the type of chicken purposely kept for egg production.

39. What is matter?

40. What type of energy is possessed by the timbers packed on a vehicle?

SECTION B

Questions 41 to 55 carry four marks each.

41. Why is rusting called a chemical change?

b) State any two conditions necessary for rusting to take place.

c) Give any one way in which rusting is important in the environment.

42. The table below shows parts of a flower and their functions but in wrong order. Match the parts of a flower in the table with their functions correctly.

Parts of a flower	Function of the part
Sepals	Receives pollen grains during pollination
Stigma	Attracts insects for pollination
Petals	Protects the flower during early stage
Anther heads	Produces pollen grains

i) Sepal _____

ii) Anther head _____

iii) Stigma _____

iv) Petal _____

43. In which way does severe diarrhoea lead to dehydration?

b) State the Importance of sugar when preparing ORS.

c) State any one way of rehydrating a patient with severe diarrhoea.

d) Write SSS in full.

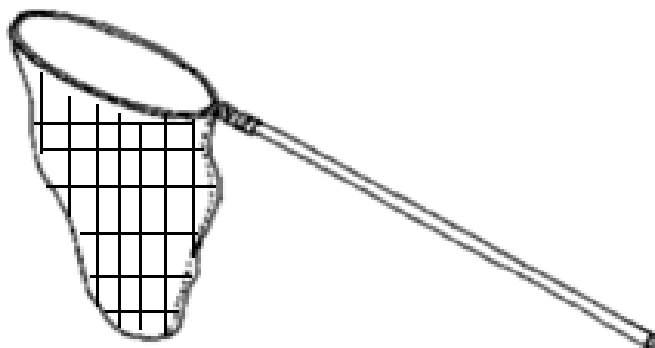
44. Name any one Use of a nose to man.

b) Apart from nose, give one other body organ used for testing food.

c) Who cooks food at school?

d) What is food?

45. The diagram below is of equipment used in bee keeping. Use it to answer the questions that follow.



a) Name the equipment in the diagram above.

b) How is the above equipment useful to a bee keeper?

c) What activity in bee keeping involves the use of the above equipment?

d) Give any one reason why honey does not go bad yet it is food?

46. State the role of yeast during fermentation of alcohol.

b) Apart from fermentation of alcohol, give any two other ways in which yeast is useful to people.

c) Which fungus is used to make antibiotics drugs?

47. What is Soil erosion?

b) Write down one cause of soil erosion in hilly areas.

c) How does terracing help to control soil erosion in hilly areas?

d) Apart from terracing, state any one other way of controlling soil erosion in hilly areas.

48. Which group of birds feed on left over flesh (carrion)?

- b) Give any two examples of birds that belong to the above group.

- c) State one way in which the group of birds given in (a) above are important in the environment.

49. What are farm records?

- b) How important are farm records to a poultry farmer?

- c) Which type of poultry is best kept for egg production?

- d) State the difference between layers and broilers in terms of importance.

50. What are root tubers?

- b) Give one example of each of the following.

- i) stem tubers _____

- ii) Root tubers _____

- c) Why is sugar cane plant not grouped under stem tubers yet it stores its food in the stem?

51. Define the following

a) Pollination.

b) A flower.

c) Absconding

d) Science

52. Name the type of soil best known for:

i) Cultivation

ii) Making pots

b) What is soil profile?

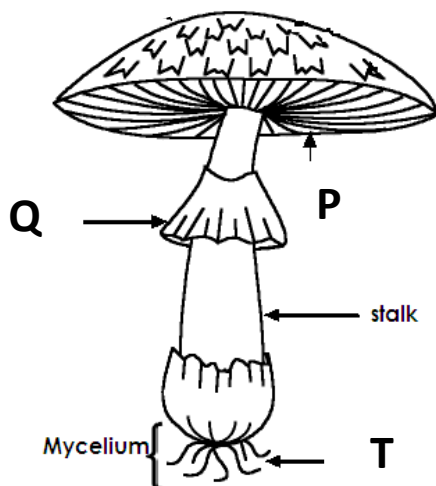
c) State one component of soil.

53. Write 4F's in full

b) Name two examples of diarrhoeal diseases.

c) Name one disease spread by cockroaches to human beings.

54. Study the diagram below and answer the questions that follow



b) State the function of part marked Q

c) Name the part of a flower which performs the same function as part P according to the above diagram?

d) How does the above obtain its food?

e) Use letter K to show part which helps and protects the gill.
55. Name the weather instrument used to keep delicate weather instrument.

b) Why the above instrument is painted white?

c) Name two examples of the above instruments apart from Stevenson Screen
