



KYENJOJO DISTRICT ACADEMIC BOARD

PRIMARY SEVEN LEAVING MOCK ASSESSMENT 2024

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

RANDOM NO.						PERSONAL NO.		

CANDIDATE'S NAME:

CANDIDATE'S SIGNATURE.....

SCHOOL NAME.....

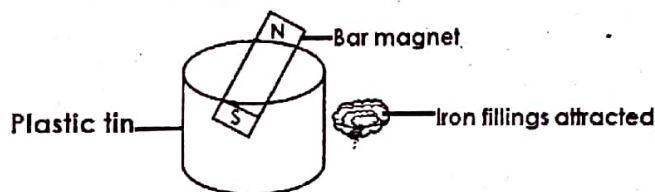
Read the following instructions carefully:

1. The paper has **two** Sections: A and B.
2. Section A has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Attempt **all** questions. All answers to both section **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.
6. Unnecessary changes of work may lead to loss of marks.
7. Any handwriting that cannot easily be Read may lead to loss of marks.
8. Do **not** fill anything in the boxes shown: "For Examiners' Use Only" and those Inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	Marks	Examiner's No.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

SECTION A

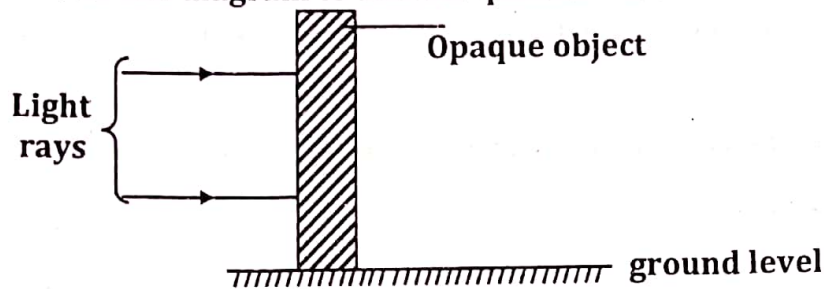
1. Give any one example of a legume.
.....
2. State the importance of soap in washing our hands.
.....
3. Name the fluid in the nasal cavity that helps to trap dust.
.....
4. Identify the type of soil with the lowest capillarity.
.....
5. Mention any one characteristic of arthropods.
.....
6. What happens to seedlings when they lack enough sunlight?
.....
7. Mention any one plant that provides fibre.
.....
8. State the major role of chlorophyll in the process of photosynthesis.
.....
9. How helpful is water in the process of soil formation?
.....
10. Identify the property of magnets drawn below.
.....



11. What do mushrooms use to reproduce?
.....
12. Name the part of air that helps in seed germination.
.....
13. What do we call the condition when a person lacks enough red blood cells?
.....
14. Identify a metal which is used as a solid lubricant.
.....
15. State any one use of the human ear.
.....
16. What first aid can you give to a person whose ear has an insect foreign body?
.....

17. How is reproduction in birds similar to that of amphibians?

Use the diagram to answer question 18.



18. Draw the shadow in its position on the diagram above.

19. Which property of air enables one to blow air in a balloon?

20. State the importance of synovial fluid in a joint.

21. Mention any one cause of near drowning.

22. State any one use of Oral Rehydration Solution to a child with diarrhoea.

23. Why does ice float on water yet it is a solid?

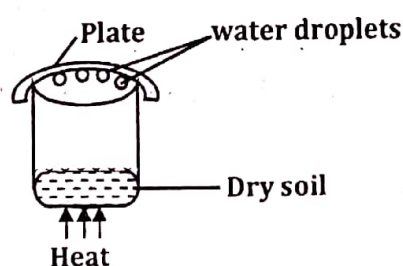
24. Name the pigment that is contained in the blood.

25. Name one childhood immunisable disease whose sign is paralysis of limbs.

26. State the type of change that occurs when a fruit ripens.

27. State any one practice that can be done to control the spread of malaria in the community.

Use the diagram below to answer question 28.



28. What component of soil does the above experiment show?

29. How does frequent consumption of alcohol affect the digestive system?

30. Name the process that roots use to absorb water from the soil.

31. State the type of energy contained in petrol.

32. State the importance of bathing regularly.

33. In which way is recycling of wastes useful in the environment?

34. Identify any one practice that can help to prevent the risk of getting heart diseases.

35. Mention any one way of controlling soil erosion in a hilly area.

36. Name the method of harvesting trees shown below.



37. State one natural static electricity.

38. Give any one reason why drugs should be prescribed by a health worker?

39. Identify the type of poultry that is kept mainly for egg production.

40. Mention one process in living things that can increase the amount of carbon dioxide gas in the atmosphere.

SECTION B

41. (a) State the function of the gullet in the process of digestion.

.....

(b) Why are vitamins not digested?

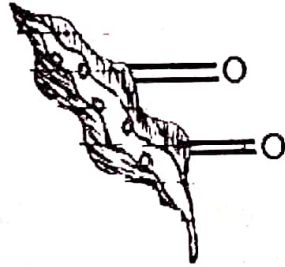
.....

(c) State any two ways in which the ileum is adapted to perform its function.

(i)

(ii)

42. The diagram below shows the type of seed dispersal. Use it to answer the questions that follow.



(a) Name the type of seed dispersal shown in the diagram above.

.....

(b) Identify any one crop that undergoes such type of dispersal shown above.

.....

(c) State any two advantages of the process shown in the diagram above to the environment.

(i)

(ii)

43. (a) State any two ways of acquiring natural immunity.

(i)

(ii)

(b) How does dramatization help to promote immunization?

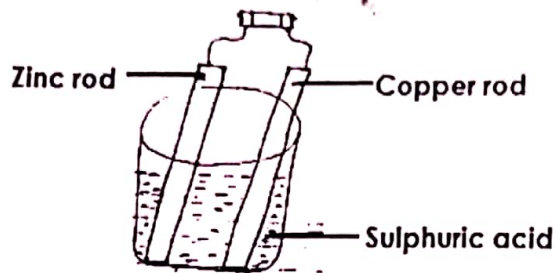
.....

(c) Mention any one sign of measles.

.....



44. Use the diagram below to answer the given questions.



(a) Name the cell drawn above.

(b) State the use of sulphuric acid in the experiment.

(c) Name the material which is used as the positive terminal.

(d) Using arrows, show the direction of current on the circuit above.

45. (a) Mention any two natural family planning methods in humans.

(i)

(ii)

(b) State the function of each of the following reproductive organs in humans

(i) ovaries

(ii) Fallopian tubes

46. (a) Identify one example of;

(i) rodents

(ii) primates

(b) Mention any two reasons for putting pigs under mammals.

(i)

(ii)

47. (a) Give any one natural source of light.

(b) State any two characteristics of images formed by the lens camera.

(i)

(ii)

(c) State any one difference between sound and light.

.....

48. (a) To which type of simple machines does each of the following machines belong?

(i) A razor blade

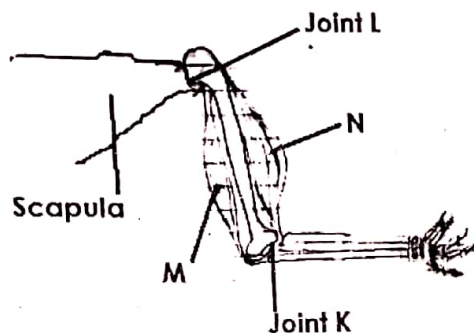
(ii) A winding road

(b) State any two ways of reducing friction in machines.

(i).....

(ii).....

49. The diagram below shows part of the muscular-skeletal system. Use it to answer the given questions.



(a) Identify the muscles labeled;

(i)M.....

(ii)N.....

(b) What general name is given to the voluntary muscles M and N which work in opposition?

.....

(c) State what happens to muscle M when the arm is straightened?

.....

50. (a) Name the PHC (Primary Health Care) element that promotes cleanliness of a toilet.

.....

(b) How can an individual promote PHC?

.....

(c) Give two reasons why a family latrine is important in a home.

(i).....

(ii).....

51. (a) Mention any two dangers of house flies in the environment.

(i).....

(ii)

(b) State any two ways of preventing the spread of diarrhoeal diseases.

(i).....

(ii).....

52. (a) State the correct order of energy changes (transfer) as a candle burns.

(i) Fromenergy

(ii) toenergy

(iii) toenergy

(b) Why is a burning wick of a candle an example of a chemical change?

.....

53. (a) Mention the main reason why blood is pumped to the lungs.



.....

(b) Which structure in the human heart prevents deoxygenated blood from mixing with the oxygenated blood?

.....

(c) Name the chamber of the human heart that does the following:

(i) receives deoxygenated blood from all body parts.

.....

(ii) Pumps blood to all body parts.

.....

54. Mention any two ways of managing animals in the farm.

(i).....

(ii).....

(b) State any two advantages of castrating male animals.

(i).....

(ii).....

55. (a) Name the hardest non-living part on the human tooth.

.....

(b) State any one disease that affects the teeth.

.....

(c) Suggest any two ways of caring for one's teeth.

(i).....

(ii).....

**** The End, Good Luck ****

