



KYENJOJO DISTRICT ACADEMIC BOARD

PRIMARY SEVEN LEAVING MOCK ASSESSMENT

2025

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Random No.						Personal No.		

Candidate's Name:.....

Candidate's Signature.....

School's Name:

District Name:.....

Read the following instructions carefully:

1. This paper is made up of 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 in both sections **A** and **B**.
5. All answers must be written in the space provided in blue or black ball point pens and ink. **Only diagrams should be done in pencil.**
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any handwriting, which cannot be easily read, may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated for Examiners' use only.

FOR EXAMINER'S USE ONLY		
QN. No	MARKS	SIGN
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
TOTAL		

SECTION A (40 Marks)

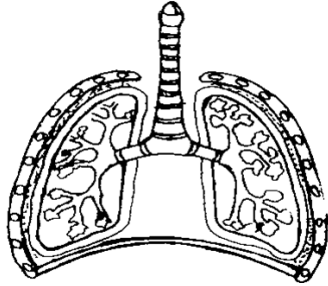
1. Give any **one** example of commonly abused drugs.
.....
2. In which **one** way can the amount of blood in the human body be increased?
.....
.....
3. Give any **one** way of reproducing the recorded sound.
.....
.....
4. Identify the part of the human ear that changes sound waves into nerve signals.
.....
5. Why are vitamins not digested in the alimentary canal of man?
.....
.....
6. Study the diagram of a plant and use it to answer question 6.



Name the type of stems shown above.

7. Name the element of Primary Health Care that reduces the risk of excessive bleeding in casualties.
.....
.....
8. Mention any **one** natural family planning method.
.....
9. Give **one** example of insulators.
.....
10. State any **one** danger of food taboos in humans.
.....
.....
11. Name any **one** reptile that produces young ones alive.
.....
12. Apart from pollination, how else is wind useful to people?
.....
.....
13. Give the structural difference between a vein and an artery.
.....
.....

Use the diagram below to answer questions 14 and 15.



14. Name the type of breathing shown in the diagram above.

.....

15. Why is the trachea made of rings of cartilage?

.....

.....

16. Give any **one** method of making water clean for washing.

.....

17. State any **one** advantage of zero grazing in goat keeping.

.....

.....

18. By what means does heat from the sun reach the earth?

.....

19. How is the skin similar to kidneys in terms of excretion?

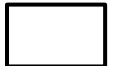
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20. Name the dormant stage in the lifecycle of a grasshopper.

.....

21. State the importance of scales to a fish.



.....

.....

22. Name the castrating tool drawn below.



.....

23. In which **one** way are donkeys used as energy resources?

.....

.....

24. What happens to biceps when you bend the arm?

.....

.....

25. Give any **one** example of intestinal worms.

.....

26. Give any **one** example of conifers.

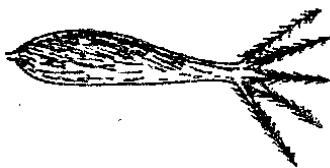
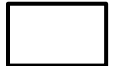
27. State the advantage of using a clay made charcoal stove over a metallic one.

28. State any **one** importance of doing physical exercises.

29. Name the type of smoking in which a non-smoker inhales tobacco smoke from one who is smoking.

30. Name the accident whose first aid is giving a heavy smack.

31. Name the type of seed dispersal that takes place in the seed shown below.



32. In which part of the human alimentary canal does absorption of water take place?

33. State any **one** effect of excessive diarrhoea to a person.

34. To which type of machines does a knife belong?

35. Give any **one** example of a natural magnet.

36. Name the process labelled F.

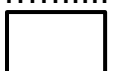


37. Mention any **one** type of soil erosion.

38. Name any **one** fungal sexually transmitted disease.

39. State the purpose of putting saw dust in a poultry house.

40. How are air sacs (alveoli) adapted to their functions?



SECTION B (60 MARKS)

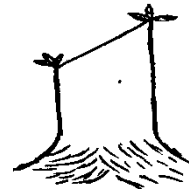
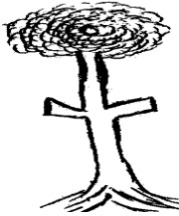
41. (a) Write down any **two** advantages of maintaining good posture.

- (i)
- (ii)

(b) State any **two** reasons why bad posture is dangerous to a person.

- (i)
- (ii)

42. (a) Identify the method of harvesting trees in each diagram.



- (i)
- (ii)

(b) State any **two** uses of pruned materials.

- (i)
- (ii)

43. Identify the type of electricity that is got from;

(a) water falls

.....

(b) hot springs

.....

(c) the sun

.....

(d) fossil fuels.

.....

44. (a) Name the germ that causes malaria.

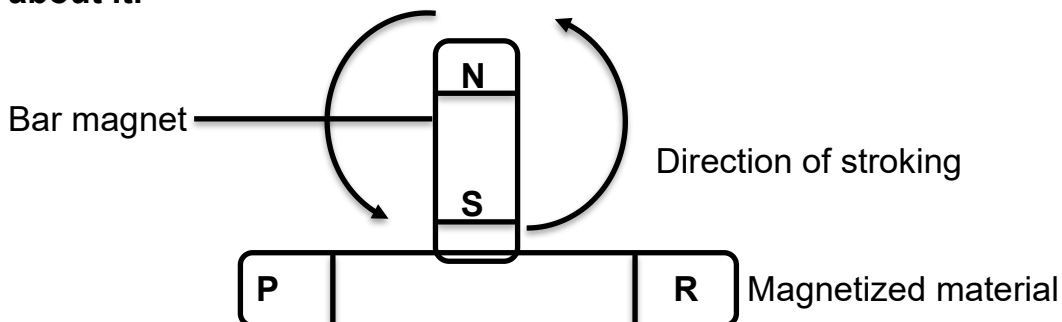
(b) How is the germ mentioned above spread?

.....

(c) Write down any **two** ways of preventing malaria.

- (i)
- (ii)

45. The diagram is about a method of magnetization. Use it to answer the questions about it.



(a) Name the method of making magnets shown above.

(b) Identify the poles labelled;

(i) P

(ii) R

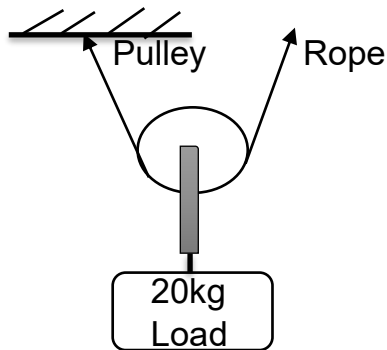
(c) Give **one** use of a magnet to a weather station master.

46. (a) Explain how the planting of legumes can help to improve soil fertility. (02 marks)

(b) How are legumes different from other dicots?

(c) State any **one** characteristic of dicots.

47. The diagram below shows a type of pulley. Use it to answer the questions about it.



(a) Name the type of pulley shown above.

(b) Apart from friction, state **two** other forces that are acting on the pulley drawn above.

(i)

(ii)

(c) Why is the above pulley better to use than the other types of pulleys?

48. (a) State the use of the following structures in cattle keeping.

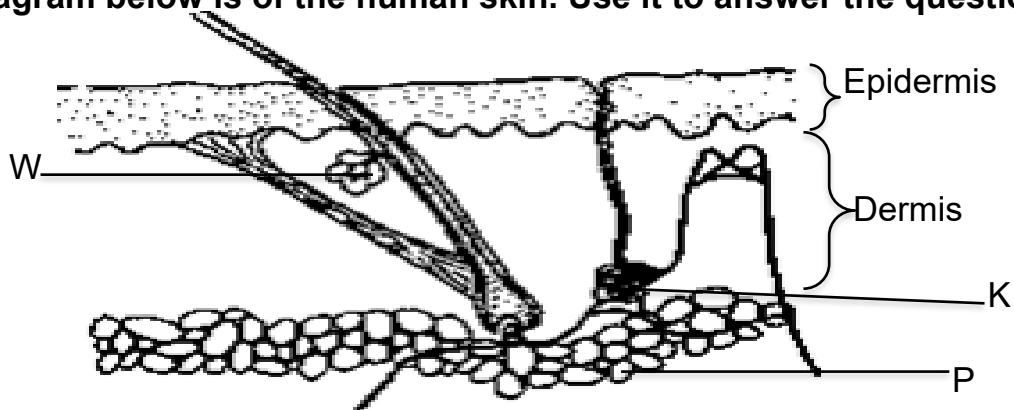
(i) Cattle crush

(ii) Cattle shed

(b) Give any **one** use of fences in cattle keeping.

(c) State **one** reason why milking should be done in the milking parlour.

49. The diagram below is of the human skin. Use it to answer the questions about it.



(a) State the function of the parts labelled;

(i) P

(ii) W

(b) How is melanin useful in the human skin?

.....

(c) In which way is the human skin important in the process of excretion?

.....

50. (a) Give any **one** example of essential drugs.

(b) Mention **two** ways in which essential drugs can be misused.

(i)

(ii)

(c) Why should essential drugs be kept away from children's reach?

.....

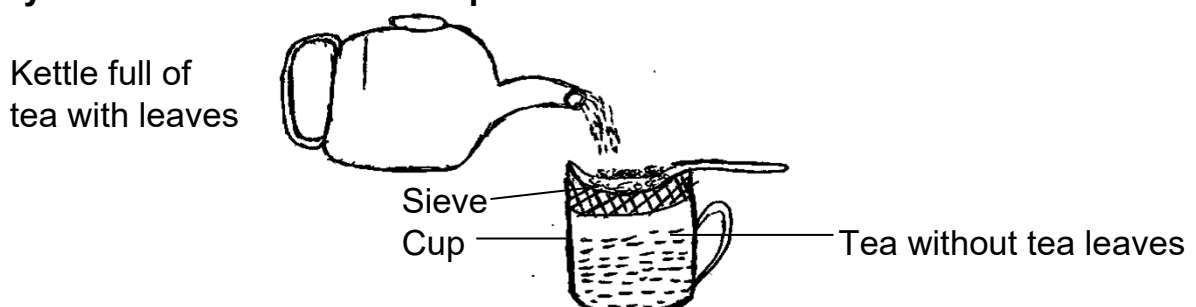
51. (a) Complete the table about digestion shown below.

Enzyme	Class of food
Amylase	(i)
Pepsin	(ii)
Lipase	(iii)

(b) Give the major function of enzymes during digestion.

.....

52. The diagram below shows a method used to separate boiled tea leaves from tea. Study and use it to answer the questions about it.



(a) Name the method of separating boiled tea leaves from tea as shown in the diagram above.

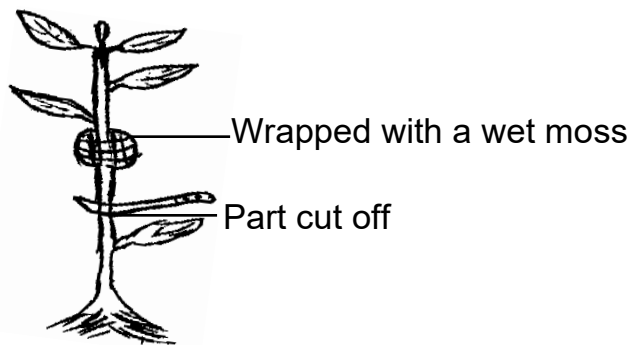
(b) What scientific name is given to the;

(i) tea leaves that remain on the sieve?

(ii) tea collected in the cup?

(c) How can salt dissolved in water be recovered from the solution?

53. (a) Name the artificial method of plant propagation shown in the diagram of the same plant.



(b) Apart from the method shown above, give **two** other artificial methods of plant propagation.

(i)

(ii)

(c) State any **one** use of plant propagation.

54. State the first aid for;

(i) choking

(ii) fainting

(iii) near drowning

(iv) fractures

55. (a) Mention **one** example of;

(i) flying mammals

(ii) sea mammals

(b) Why are geckoes able to move up side down on a wall?

(c) Give any **one** example of a reptile that produces young ones alive.

END

