

# KALUNGU DISTRICT PRIMARY LEAVING MOCK EXAMINATION - 2024

P.7 INTEGRATED SCIENCE

DURATION: 2 HOURS 15 MINUTES

School: \_\_\_\_\_

EMIS No.					Personal No.		

Candidates Name: \_\_\_\_\_

Candidates' Signature: \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**

## READ THE FOLLOWING INSTRUCTIONS

1. This paper has two section A and B.
2. Section A, has 40 short questions (40marks)
3. Section B has 15 questions (60 marks)
4. Answer all questions.
5. All answers to all questions must be written in the space provided.
6. All answers must be written using blue or black ball pen or ink.
7. Unnecessary crossing of work will lead to loss of marks.
8. Any handwriting that cannot easily be read may lead to loss of marks.
9. Do not fill anything in the boxes indicated: "FOR EXAMINER'S USE ONLY"

FOR EXAMINERS USE ONLY		
QN. NO.	MARK	EXR' NO.
1 – 10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
<b>TOTAL</b>		

**Turn over**

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## **SECTION A SCIENCE P.7**

1. Name one vector that spreads typhus fever.

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2. State one difference between a frog and a hen in terms of reproduction.

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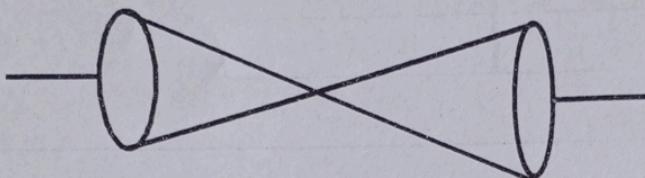
3. How does soil erosion lead to loss of soil fertility?

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4. Name the element of PHC promoted by doing regular physical exercises.

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**The diagram below shows a component of electric circuit.  
Study and use it to answer question 5 and 6.**



5. Name the component of the circuit shown on the diagram above.

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6. Give the function of the above component in an electric circuit.

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7. Why is the volume of a stone obtained through measuring by displacement?

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8. Give any one method of food preservation which does not involve the use of heat.

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9. State any one sign of a dirty home.

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10. Why do animals move from one place to another?

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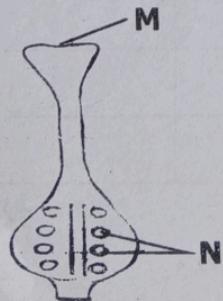
11. State the best way a P.7 pupil can protect him/herself from contracting HIV/AIDS.

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12. How is the sun useful during rain formation?

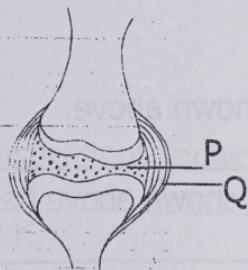
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**Study the diagram below and use it to answer question 13 and 14.**



13. Name the part marked M.
14. What does part N develop into after fertilization?
15. How does breast milk boost the immunity of the baby?
16. State one way of increasing the volume of blood in the body.
17. Name one type of poultry.
18. Why is it a good practice to wash hands before handling food?
19. How are teeth important during the digestion of food?
20. How does a kite benefit from its strong, sharp and curved claws?
21. Name the body organ that removes toxic substances from the body.
22. Give one way in which sound can be recorded.

**The diagram below shows a hinge joint. Use it to answer question 23 and 24.**



23. Name the part marked Q.
24. Give the function of part marked P.
25. Identify one crop that is propagated by use of stem cuttings.
26. State one advantage of rearing rabbits over cattle.
27. Why is sugar added when preparing ORS locally?
28. Give a reason why decanted water is not safe for drinking.

29. Why does a balloon full of air burst when put in sunshine for a long time?

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30. Name one raw material for respiration.

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31. How do earthworms help in soil aeration?

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32. In which one way is smoking dangerous to a pregnant mother?

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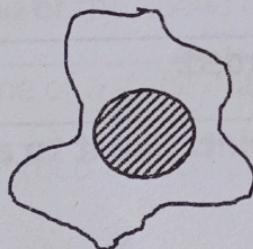
33. Give one condition that favours the multiplication of bacteria.

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34. Identify the main reason why farmers keep Mubende goats?

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**The diagram below shows a component of blood. Use it to answer question 35 and 36.**



35. Name the blood component shown above.

36. How does the blood component shown above help to fight against germs?

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37. Name the animal fibre got from sheep.

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38. Why is the rabbit hutch raised above the ground?

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39. Name the substance bees use to repair the hive.

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40. Why is it not advisable to cover the hole of a VIP latrine with a lid?

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## SECTION B

41a) State two factors that affect the rate of transpiration.

(i). \_\_\_\_\_

(ii). \_\_\_\_\_

(b). Give one way how plants reduce the rate of transpiration.

c). How is transpiration important to plants?

42a). Give two methods of making water clean for washing clothes.

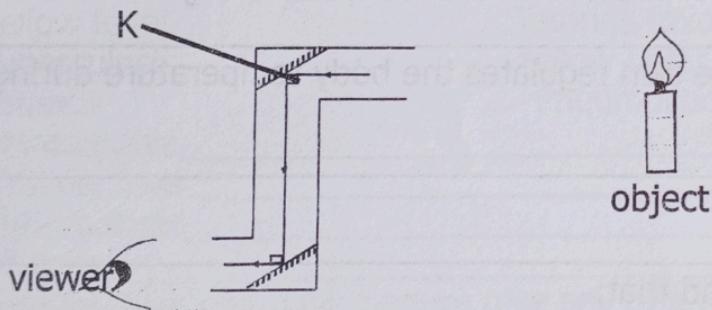
(I). \_\_\_\_\_

(ii). \_\_\_\_\_

(b). State one factor considered when sorting clothes for washing.

(c). Why do people iron clothes before wearing them?

43. The diagram below shows an optical instrument. Study and use it to answer questions that follow.



(a). Name the optical instrument shown in the diagram above.

(b). Name part marked K.

c). Under what principle does the above optical instrument work.

(d). Identify one group of people who use the above optical instrument.

44.a) State one sign of poisoning in humans.

(b). Why is it not advisable to make a person who has taken paraffin to vomit?

c). Why is a person who has taken poison given a lot of fluids to drink?

(d). Give one way of preventing poisoning at home.

**45. Use the list of organisms below and answer questions that follow;**

D	C	B	A
Millipede	Spider	Crab	Housefly

(a). To which group of invertebrates do all organisms belong?

(b). State one characteristic common to all organisms above.

c). How does organism D protect itself?

(d). Why is organism C not regarded as an insect?

**46(a). Mention one substance excreted from the body by the skin.**

(b). Identify the function of the human skin as a sense organ.

(c). Give one way how the skin regulates the body temperature during

(i) sunny weather

(ii) cold weather

**47(a). Name the class of food that;**

(i) protects the body against diseases

(i) gives the body energy.

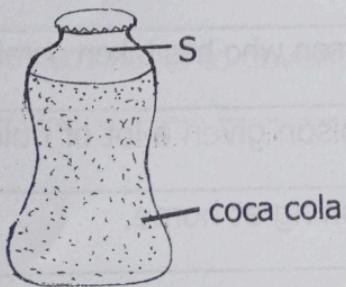
(b). Identify two examples of plant protein.

i)

ii)

**48. The diagram below shows soft drink packed in a bottle.**

**Study it and use it to answer the questions that follow;**



(a). Name the gas found in space S.

(b). Of what role is the gas mentioned in part a above.

c). Apart from the above gas, give two other components of air.

i).

ii).

49a). How do the following facilities help in promoting sanitation at home.

(i) dust bin

(ii) toilet

(b). Give two examples of diarrhoeal diseases spread due to poor sanitation.

(i).

(ii).

#### 50. Match the immunisable diseases with their vaccines

Diseases

Pneumonia

BCG vaccines

Yellow fever

Tetanus toxoid vaccine

Tuberculosis

Yellow fever vaccine

Tetanus

Pneumococcal conjugate vaccine

(a) Pneumonia

(b) Yellow fever

c) Tuberculosis

(d) Tetanus

51(a). Apart from compost manure give any one other example of a natural manure.

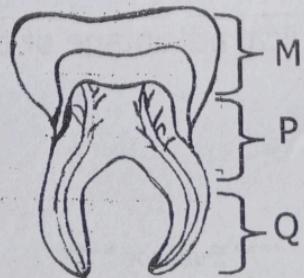
(b). Identify any two methods of applying fertilizers

i).

ii).

c) Why is water added into compost pit during the production of compost manure?

#### 52. The diagram below shows a type of tooth. Use it to answer questions that follow.



7.

(a). Name the type of tooth drawn above.

(b). Name the region marked M.

c). How is the above tooth useful while eating food?

(d). State one way in which people can protect their teeth from decaying.

53.(a) Apart from floods, give two other examples of natural changes.

(b). Give one effect of floods in the environment.

c). Identify one way of managing floods.

54.(a). Apart from yellow fever, mention any other disease spread by mosquitoes.

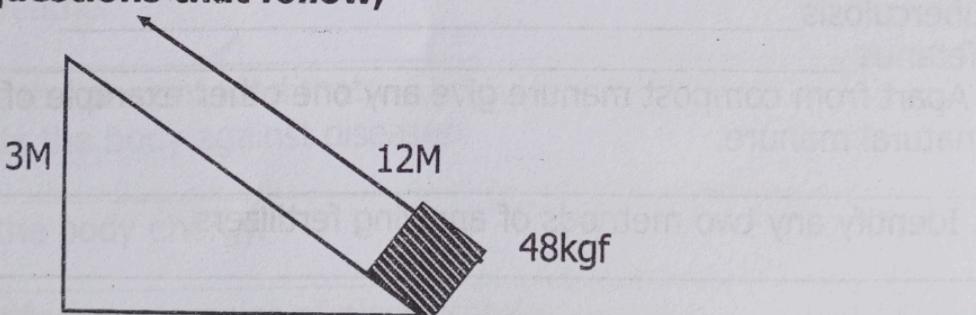
(b) Where do mosquitoes lay their eggs?

(c) Give two ways of controlling diseases spread by mosquitoes?

i).

ii).

55. The diagram below shows a simple machine. Use it to answer the questions that follow;



(a). To which group of simple machines does the above machine belong?

(b). Identify the distance moved by the load.

c). Calculate the mechanical advantage of the above machine.