



AMURIA DISTRICT PRIMARY SCHOOLS MOCK 2023



PRIMARY SEVEN

INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Index No.	Random No.					Personal No.		

Name:

School:

Signature:

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

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. Answer All questions. All answers to both sections **A** and **B** must be written in the spaces provided.
5. All answers must be written using a blue or black ball-point pen or ink.
Diagrams should be drawn in pencil.
6. Unnecessary alteration 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 indicated for examiners use only.

**FOR EXAMINERS'
USE ONLY**

QN. NO	MARKS	EXR'S
NO		
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

Turn Over

Printed by; Brilliant Education Consultancy Kampala
Tel: 0782/0755 - 607733 E-mail: ebarumike@gmail.com
We also sell Examination, Holiday package & do any other printing.

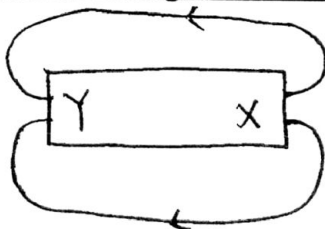
SECTION A

1. Name any other Part of air apart from oxygen.
2. Why should an ordinary pit latrine always be covered.
3. How is a leaf important to a plant?
4. Give the importance of bacteria found in root nodules.
5. State the STD that causes blindness among unborn babies.
6. State any one condition necessary for germination of a seed.
7. Write the importance of the tooth drawn below to animals.



8. Identify the mineral salt which is useful for the formation of strong bones.
9. Why is a worker bee considered a sterile bee?
10. How does painting of metallic tools prevent rusting?
11. Give any one example of ball and socket joint in human beings.
12. Which structure of an insect has the same function as gills in fish?

Below is a diagram of a magnet. Study it carefully and use it to answer the question below.

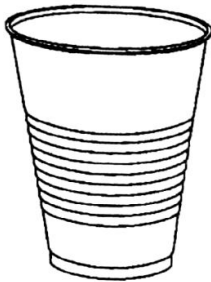


13. Identify pole y of the magnet.
14. Mention the body organ which is spoiled by excessive drinking of alcohol.
15. How do people acquire artificial immunity?

16. State the respiratory organ which removes nitrogenous compounds in the body

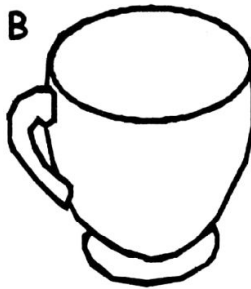
Below is a diagram of two cups containing hot tea?

A



Plastic cup

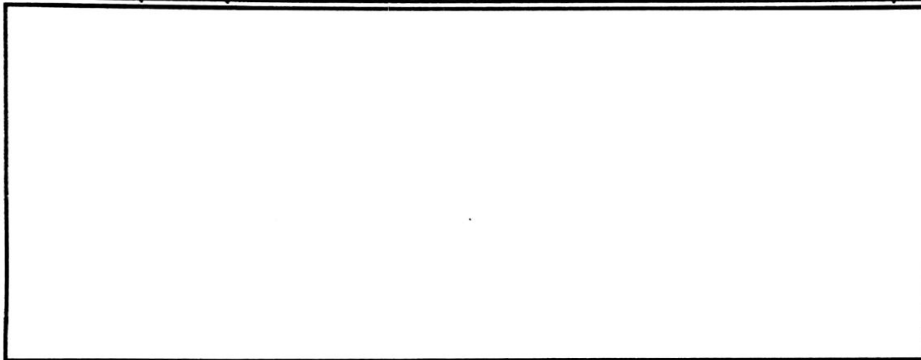
B



Metallic cup

17. Which of the two cups will the tea cool faster?

18. In the space provided below, draw a foot of a bird of prey.



19. State any one way a school health club can promote health in their school.

20. Give any one disadvantage of using tethering method in goat rearing.

21. Name any one cattle disease caused by virus.

22. Give one reason why biceps and triceps muscles are called voluntary muscles?

23. Which practice in sheep keeping helps to ease mating.

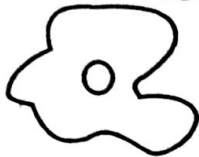
24. How are the three small bones in the ear important in the normal functioning of the human ear?

25. Mention any one way of controlling endo parasites in a cattle farm.

26. Name the group of invertebrates with soft and un-segmented bodies.

27. Give a reason why butterflies lay their eggs on leaves?

Study the diagram below and use it to answer question 28.



28. State the function of the blood cell shown in the diagram above.

29. Write down any one factor that can cause fainting.

30. How is a fish adapted to live in water?

31. Write HIV in full.

32. In which part of a digestive system does digestion of proteins begin?

33. State the type of chicken kept for egg production.

34. Why is electricity said to be friendly to environment?

35. Name the vaccine which is given to children at birth.

36. Apart from contour ploughing and tree planting state any other way of controlling soil erosion.

37. Why is a screen of a phone covered with a glass?

38. How can the housewife in the village who uses wood fuel conserve trees?

39. Write down the male reproductive cell of a human being.

40. State one importance of crutches to a causality.

SECTION B

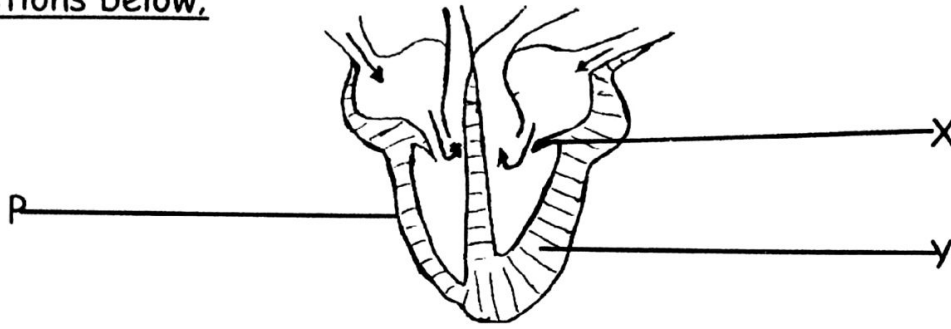
41. a) State any one common characteristic among vertebrates.

b) Give any two classes of cold blooded vertebrates.

i) _____

ii) _____

42. Below is a diagram of an organ of the circulatory system. Study and answer questions below;



a) How is the organ above useful to its system.

b) Identify part labelled X.

c) Why is side y longer and thicker than side P

d) State any one condition that affects the normal functioning of the organ above

43. a) Mention the general bad practice developed among poultry in a farm.

b) Give any two examples of such vices.

(i) _____

(ii) _____

c) Suggest one way of controlling vices in a poultry farm.

44. a) What element of PHC promotes the cleanliness of a home?

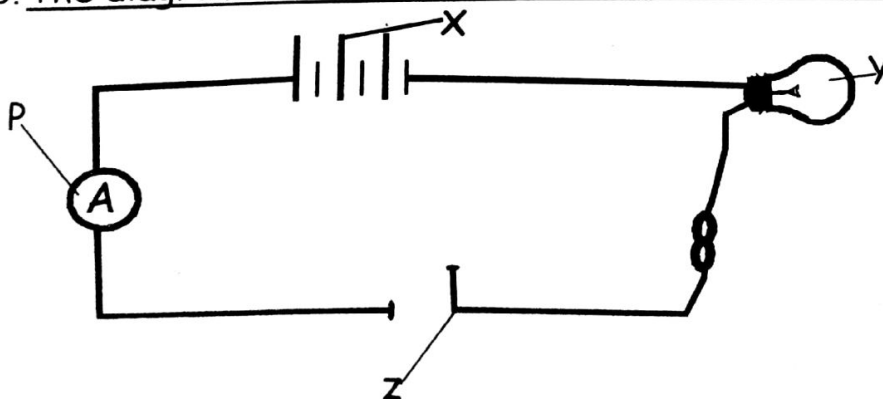
b) State any two responsibilities of an individual to promote PHC.

(i) _____

(ii) _____

c) How is a latrine important in the promotion of PHC in a home?

45. The diagram below is of Electric circuit. Use it to answer questions that follow



a) Name parts Y and Z

(i) Y _____

(ii) Z _____

b) State the function for part P.

c) State the energy change that takes place at X when part Z is closed.

46. a) What is photosynthesis?

b) Write down the raw materials for photosynthesis.

(i) _____

(ii) _____

c) How is photosynthesis important to a P.1 pupil in a school compound?

47. Match the items in list A to those in list B.

List A

Black fly

Aedes

Tsetse fly

Fleas

List B

Sleeping sickness

Bubonic plague

River blindness

Yellow fever

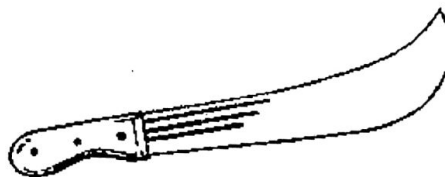
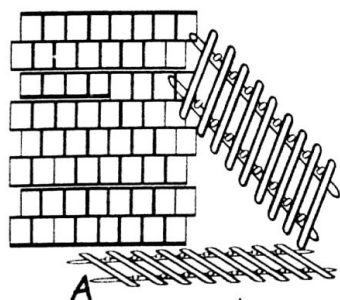
(i) Black fly _____

(ii) Aedes _____

(iii) Tsetse fly _____

(iv) Fleas _____

48. Below are examples of simple machines use it to answer questions that follow.



B

a) Name the group of simple machines to which each belongs:-

(i) A _____

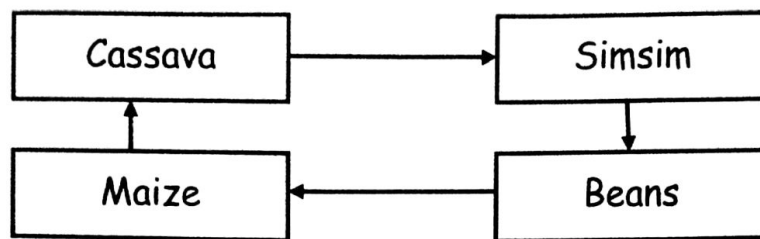
(ii) B _____

b) Give two ways in which simple machines simplify work.

(i) _____

(ii) _____

49. Use the illustration below to answer questions that follow;



a) Write down the farm practice illustrated above.

b) How is beans important in the practice?

c) State any two advantages of the farm practice.

(i) _____

(ii) _____

50. a) What is the keeping of bees in a large scale?

b) Name two female bees found in a bee hive.

(i) _____

(ii) _____

c) Which food value do we get from honey?

51. Use the organisms below to answer the following questions.

Cat

Groundnuts

Fungi

Rat

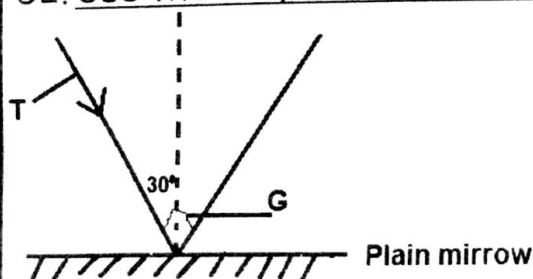
a) Identify the producer among the above organisms.

b) Make a correct food chain using the above organisms.

c) State any other organism that you would substitute in place of fungi.

d) Which form of energy is used by the producer?

52. Use the diagram to answer the question below;



a) Use an arrow to complete the diagram above.

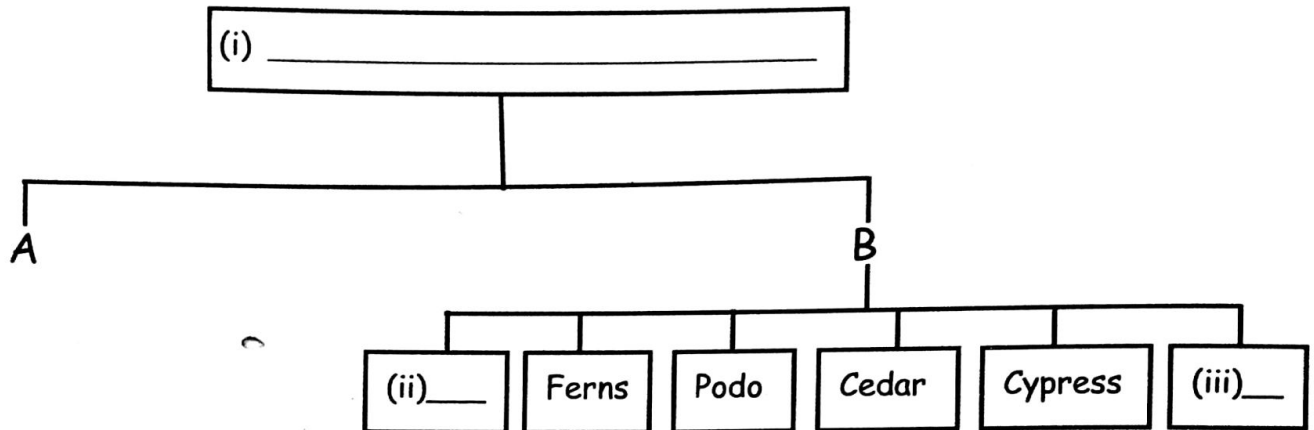
b) Name parts:-

(i) T _____

(ii) G _____

c) Find the value of angle G

53. Use the table below to answer questions below:-



a) Name parts;

(i) _____

(ii) _____

(iii) _____

b) Write down the group of plants labelled A above

54. a) What is dehydration?

b) State any one cause of dehydration.

c) How can dehydration condition be controlled?

d) Write down the importance of salts in the process of rehydration.

55. a) What is the difference between pitch and volume in sound?

b) State any two factors that determine pitch of sound.

(i) _____

(ii) _____

c) Give one way of storing sound.

END