



**HORMISDALLEN SCHOOL - KAMWOKYA**  
**END OF TERM II EXAMINATIONS (SET 1) – 2024**  
**PRIMARY SEVEN INTEGRATED SCIENCE**

**Name:** \_\_\_\_\_

**Stream:** \_\_\_\_\_ **Index No.** \_\_\_\_\_

**INSTRUCTIONS:**

1. *Attempt all questions.*
2. *Any drawing must be done in pencil.*
3. *You must use a very good handwriting.*

**TIME ALLOWED: 2hours 15minutes**

Examiner's Use Only	
SECTION A	
SECTION B	
TOTAL	

**SECTION A:**

1. Name one disease that can be avoided by drinking boiled water.

\_\_\_\_\_

2. State one effect of gonorrhoea in newly born babies.

\_\_\_\_\_

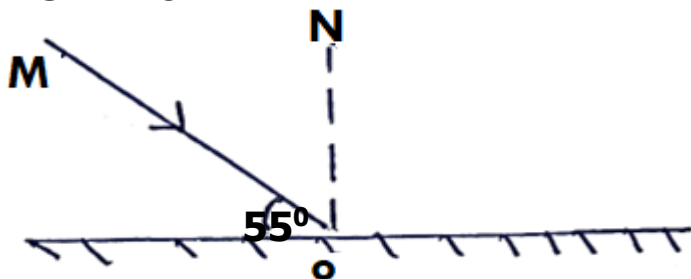
3. Why is a rat regarded as a mammal?

\_\_\_\_\_

4. Give one way a school can prevent antisocial behaviour in children.

\_\_\_\_\_

**The diagram below shows an incident ray of light M striking a plane mirror.**



5. Complete the diagram to show how the light ray is reflected.

6. Give one disease that can be controlled by dipping cattle in acaricide solution.

\_\_\_\_\_

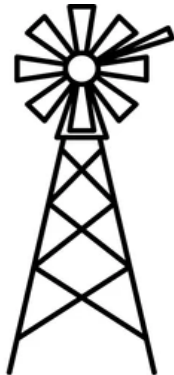
7. Apart from mixing food with saliva, how else is the tongue important in food digestion?

\_\_\_\_\_

8. Name the fungi used in preparing alcohol by fermentation.

9. What type of fertilization require water to move to gametes?

10. **Name the energy resource that the device shown uses to operate.**



11. Mention one way the device above is useful to people.

12. Give any one sign of measles infection in children.

13. How is a cobra different from a python in the way they feed?

14. Which type of soil has the highest rate of capillarity?

15. Give any one reason why breastmilk is the best recommended food for babies.

16. How does swamp drainage affect the life of aquatic animals?

17. Name one body sense that makes a P.7 child to enjoy taking soda.

18. Give one advantage of hydro electricity over thermal electricity.

19. Name one pest that affects cereal crops in the storage facility.

20. Mention one way through which the skin regulates body temperatures on a hot day.

21. Name the blood vein that transports oxygenated blood.

22. Which method of food preservation requires slow burning firewood.  
\_\_\_\_\_
23. Name one internal parasite that can be controlled by drenching cows.  
\_\_\_\_\_
24. State the energy change that takes place in the device below.

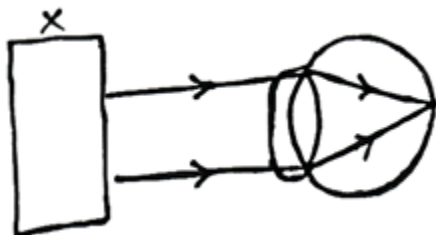


25. Name one food stuff that can prevent kwashiorkor in children.  
\_\_\_\_\_
26. How is a bacterium cell different from a yeast cell in terms of reproduction.  
\_\_\_\_\_  
\_\_\_\_\_
27. How are amoeba harmful to people?  
\_\_\_\_\_
28. Name the livestock that suffers from African swine fever.  
\_\_\_\_\_
29. What role is played by plants in the water cycle?  
\_\_\_\_\_
30. Give any one example of wedges as a simple machine.  
\_\_\_\_\_
31. Give one secondary sex change that occurs only in female adolescents.  
\_\_\_\_\_
32. State one characteristic of images formed in a plane mirror.  
\_\_\_\_\_
33. Mention one way of conserving soil as a resource.  
\_\_\_\_\_
34. How are root tubers important to root crops?  
\_\_\_\_\_
35. State one way of giving health education to people.  
\_\_\_\_\_
36. Write down one way in which sex deviations can be harmful to an individual.  
\_\_\_\_\_
37. How is the oviduct of a cow similar to the ovary of a flower in their function?  
\_\_\_\_\_

38. Give one advantage of paddock grazing method in cattle keeping.

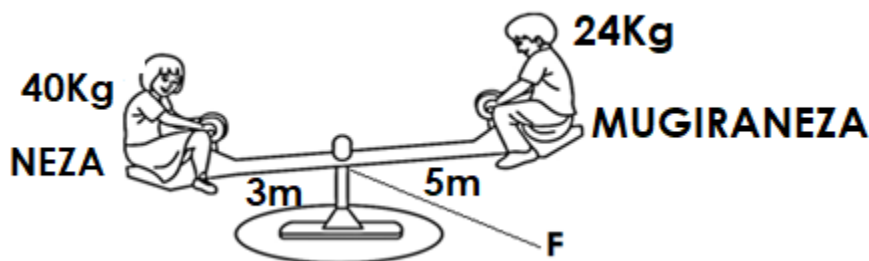
39. What type of change is melting of butter?

40. **Draw the type of lens used to correct the short sightedness below at X.**



### SECTION B:

41. **Neza and Mugiraneza are on a see-saw as shown below.**



a) Who is the effort force?

b) Name point **F**.

c) Give two examples of simple machines in the same class as the above.

i. \_\_\_\_\_ ii. \_\_\_\_\_

42. a) Why are the biceps and triceps muscle termed as;

I. voluntary muscles

II. antagonistic muscles

b) Give two immunisable diseases that affects the human muscular- skeletal system.

I. \_\_\_\_\_

II. \_\_\_\_\_

43. a) Which type of electricity is produced by friction?

b) Name the natural form of the above.

c) Give one way of managing the effects of lightning as a natural change.

d) Why should one use electric insulators when handling electrical appliances?

44. a) Draw the magnetic field pattern around the bar magnet below.



b) Give two ways of demagnetising the magnet above.

i. \_\_\_\_\_ ii. \_\_\_\_\_

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

**A**

- a) Cochlea
- b) Eardrum
- c) Auditory canal
- d) Auditory nerve

**B**

- Changes sound waves into sound vibrations
- Directs sound waves to the ear drum
- Change vibrations into nerve signals
- transmits nerve signals to the brain.

- a) Cochlea \_\_\_\_\_
- b) Eardrum \_\_\_\_\_
- c) Auditory nerve \_\_\_\_\_
- d) Auditory canal \_\_\_\_\_

46. a) In which type of digestion are enzymes required?

b) Give one characteristic of enzymes that enables them to carry out their function.

c) Name the class of food that produces the following soluble substances when fully digested.

- i) Amino acids \_\_\_\_\_
- ii) Glucose \_\_\_\_\_

47. The table below is of a crop growing technique. Answer the questions about it.

ROUND ONE	ROUND TWO	ROUND THREE
CASSAVA	BEANS	RICE
ROUND SIX	ROUND FIVE	ROUND FOUR
FALLOWING	CARROTS	CABBAGES

a) Name the crop growing technique above.

b) Mention one advantage of the crop growing technique above.

c) Name the crop in the system above that must not be excluded.

d) Why shouldn't the crop mentioned above be excluded?

48. a) Give any one reason why air is regarded as matter.

b) State two properties of air as a matter.

i. \_\_\_\_\_ ii. \_\_\_\_\_

c) Why are bottles of fizzy drinks not fully filled?

49. a) Give the meaning of the term immunisation.

b) How does immunisation as an element of P.H.C prevent some diseases.

c) Identify the vaccine for the diseases below;

i. Diphtheria \_\_\_\_\_

ii. COVID 19 \_\_\_\_\_

50. a) Why does blood from the aorta go to the kidneys?

b) Apart from purifying blood how else are the kidneys useful in the body?

c) Name two diseases that affect the excretory system.

i. \_\_\_\_\_ ii. \_\_\_\_\_

51. a) Besides having jointed legs and segmented bodies give one other characteristic of arthropods.  
\_\_\_\_\_  
b) How is a spider different from a cricket in terms of body formation?  
\_\_\_\_\_  
c) Name the myriapod which is regarded as a;  
i. vegetarian (herbivore) \_\_\_\_\_  
ii. carnivore \_\_\_\_\_
52. a) Apart from excretion give one other role of the lungs in the body.  
\_\_\_\_\_  
b) How is respiration in animals useful to plants?  
\_\_\_\_\_  
c) Mention two ways in which animals depend on plants to survive.  
i. \_\_\_\_\_ ii. \_\_\_\_\_
53. a) What is an alloy?  
\_\_\_\_\_  
b) Give one reason why alloys are made.  
\_\_\_\_\_  
c) Apart from forming alloys, give two other ways of conserving non – renewable resources.  
\_\_\_\_\_
54. a) Give any two examples of root tubers.  
i. \_\_\_\_\_ ii. \_\_\_\_\_  
b) How are root tubers important to plants?  
\_\_\_\_\_  
c) Name one pest that attacks stored root tuber crops.  
\_\_\_\_\_
55. a) Identify any two commonly abused drugs in your locality.  
i. \_\_\_\_\_ ii. \_\_\_\_\_  
b) Which life skill can help to safeguard a P.7 child from abusing drugs?  
\_\_\_\_\_  
c) How can a P.7 candidate misuse a medical drug given by a family doctor?  
\_\_\_\_\_  
\_\_\_\_\_

**END**