



KABAROLE DISTRICT
PRIMARY LEAVING EXAMINATION JOINT MOCK 2024
INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

INDEX NUMBER	RANDOM No.	PERSONAL No.
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CANDIDATE'S NAME:.....

CANDIDATE'S SIGNATURE:.....

SCHOOL:.....

SUB-COUNTY:.....

Read the following instructions carefully:

1. The paper is made up of section A and B.
2. Section A has 40 short answer questions (40 marks).
3. Section B has 15 questions (60 answers).
4. Answer ALL questions. All answers to both section A and B must be written in the spaces provide d.
5. All answers must be written in blue ink.
6. Any handwriting that cannot easily be read will lead to loss of marks
7. Unnecessary alteration of work may lead to loss of marks.
8. Do not write anything in the box indicated examiner's use only.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
Total		

SECTION A

1. Name the human body organ for hearing?

2. State any **one** way goats benefit from plants?

3. To which group of birds does a kiwi belong?

4. Mention the crop growing practice that reduces weight of a plant?

5. State any **one** importance of brushing teeth regularly?

6. Give any **one** factor that can lead to smoking

7. How is **BCG** vaccine different from polio vaccine in the way they are given to infants?

8. Name any **one** mineral salt that makes bones hard and tough?

The diagram below shows two bar magnets placed close to each other. Study and use it to answer questions 9 and 10.



9. Use arrows to show what happens to the two bar magnets?

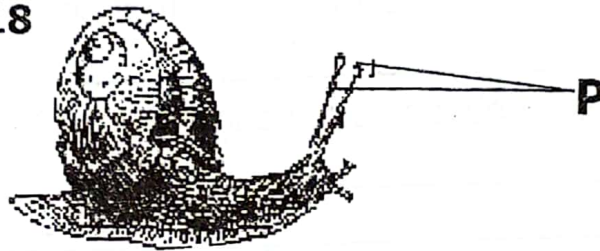
10. Which property of magnets is shown in the diagram above?

11. Identify the deficiency disease that can be caused by hook worm infestation.

12. Name any **one** part of a bird where quill feathers are found?

13. Give any **one** reason why farmers dock their sheep.
-
14. State any **one** activity that involves the use of filtration at home.
-
15. Which means of heat transfer does not require any medium of transmission?
-
16. Mention the fungus that reproduce by budding.
-

The diagram below is of a common animal. Use it to answer question 17 and 18



17. Name the structures labelled **P**?
-
18. Which disease does the above animal spread to humans?
-
19. How does sun drying help in preservation of food?
-
20. Name the type of lens used to correct long sightedness.
-
21. State any **one** way near drowning can be prevented at home.
-
22. Give any **one** advantage of modern bee hives over traditional bee hives.
-
23. Write any **one** energy resource got from fossil fuels?
-
24. Why is sound heard after light is seen during lightning?
-
25. Give any **one** example of a physical change in the environment.
-
26. Which component of blood carry oxygen in the human body?
-

27. Identify any **one** type of weather where an umbrella is used.

The diagram below is of a common garden tool. Study and use it to answer questions 28 and 29.



28. Name the garden tool shown above?

29. How is the garden tool shown above useful to crop farmers?

30. What is the difference between pitch and volume of sound?

31. Mention the type of soil with the highest drainage.

32. How does a person get infected with tape worms?

33. Why are bacteria that live in dead plants and animals called useful bacteria?

34. Which vector transmits Bilharzia to man?

35. How are objects able to move through fluids easily?

36. When is the female anopheles mosquito dangerous to man?

37. Which part of the plant sucks water and mineral salts from the ground?

38. Mbape mixed water and paraffin. After some time he saw paraffin floating on top of water. Why?

39. Why do we boil water for drinking?

40. Mention **one** way in which you as an individual can promote personal hygiene?

SECTION B (60 MARKS)

41.a Give the meaning of the term "short circuit" as applied in electricity?

b). Give **two** causes of a short circuit?

(i) _____

(ii) _____

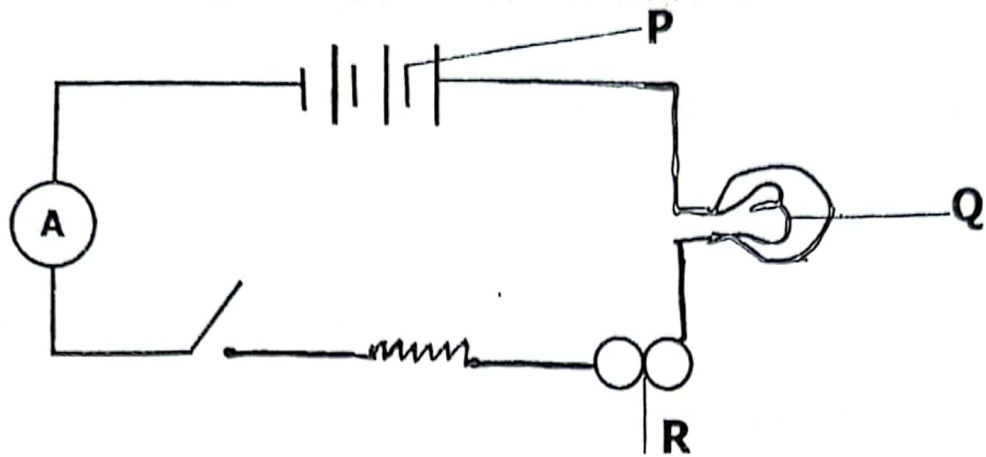
c). Give the main importance of a wire in a simple circuit?

42.a). What is a skeleton?

b). State any **two** functions of skeleton

c). What substance joins a bone to a bone?

43. Study the diagram below and answer the questions that follows



a). What does the diagram above show?

b). Calculate the voltage in the circuit above

c). Of what important is part **R** to the circuit?

d). What is part **Q** made of?

44a). Of what importance is chlorophyll during photosynthesis?

b). State **two** chemical requirements for photosynthesis?

(i).

(ii).

c) Give the importance of sunshine during photosynthesis

45.a). Suggest **two** ways in which a primary seven pupil can participate in immunization programs.

(i)

(ii)

b). What is the role of the ministry of health in the immunization campaign?

c). Write **UNEPI** in full?

46. a). What is the difference between heat and temperature?

b). Convert 95°F to degrees centigrade.

c) What is mass of an object?

47. a). Give the role of the following type of bees in a hive.

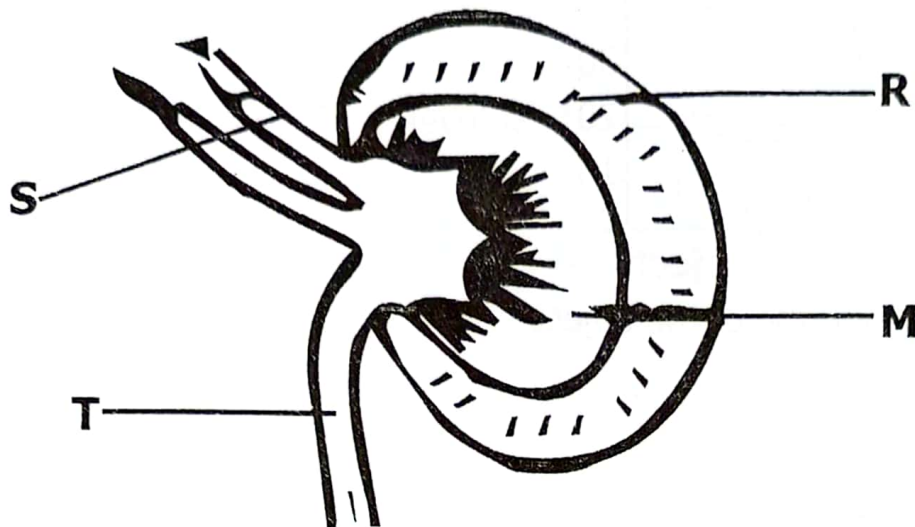
i) **Queen bee** _____

ii) **Worker bee** _____

b). Mention any **one** thing bees get from the environment?

c). State **one** disadvantage of harvesting honey using fire?

48. The diagram below is a section of a human kidney. Study and use it to answer questions that follow.



a). Name the parts labelled with letters **R** and **M**

i). _____

ii). _____

b) State the function of part labelled **S** to the kidney.

c). Where does part labelled **T** take urine to?

49. a). Give any **two** ways by which animals depend on plants.

i). _____

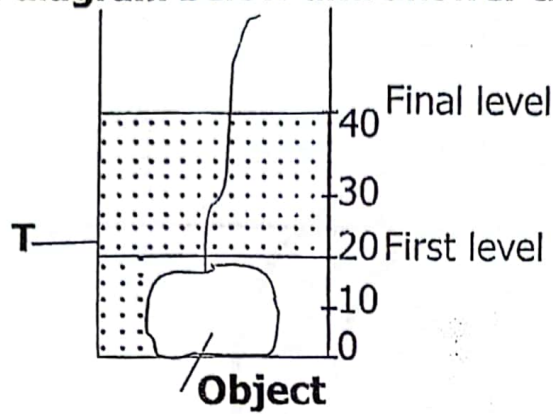
ii). _____

b). Mention any **two** ways by which plants depend on animals.

i). _____

ii). _____

50. study the diagram below and answer the questions that follow:



a) Calculate the volume of the object

b). Name the method used above.

c). Name the container marked **T**

d). Why is the above mentioned method used in the experiment?

51. a) What are primary sex characteristics?

b) State any **two** primary sex characteristics in girls

(i)

(ii)

c) Give **one** of the forms of reproduction.

52. State the type of electricity produced from the following.

(i). Water:

(ii). Burning coal:

(iii). Rubbing plastic on a wool

(iv). Sun

53. Name the digestive juice produced in each of the following;

a). Ileum

b). Pancreas

c). Why does the digestion of proteins take place in the stomach.

d). State the major role played by bile during digestion process.

54. a). What is first Aid?

b). Explain the following injuries

(i). Dislocation:

(ii). Strain:

(iii). Fracture:

55. a) List down any **two** childhood immunisable diseases prevented using **DPT** Vaccine.

(i) _____

(ii) _____

b) State **two** killer diseases immunised at birth.

(i) _____

(ii) _____

.. Good Luck ..