

**NAMAGUNGA PRIMARY BOARDING SCHOOL
MIDTERM ONE EXAMINATION, 2024
PRIMARY SEVEN - INTEGRATED SCIENCE**

Time allowed: 2 Hours 15 Minutes

Candidate's Name:

Date: **Stream:**

Read the following instructions carefully.

1. This paper has two sections **A** and **B**.
2. Section **A** has **40** short 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 spaces provided.
5. All answers must be clearly written using blue or black ball point pen or ink. Only diagrams should be drawn in pencil.
6. Unnecessary changes of work may lead to loss of marks.
7. Do not fill in the boxes. They are for examiner's use only.

FOR EXAMINER'S USE ONLY		
QN. NO.	MARK	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. Mention one process that adds oxygen in the atmosphere.

.....

2. Give any one example of a renewable resource.

.....

3. State one way in which some fungi are harmful to people.

.....

4. What name is given to the positive terminal of a dry cell ?

.....

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

.....

6. Mention the agent of gully erosion.

.....

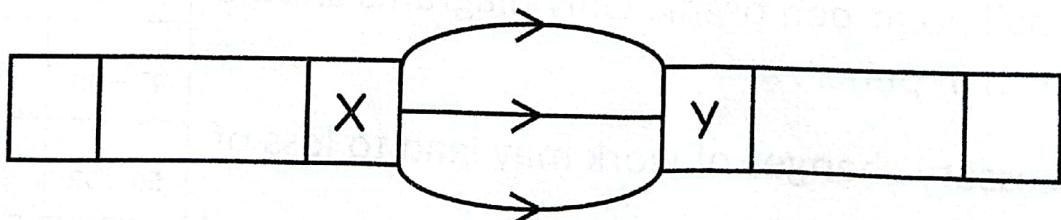
7. Why do people commonly wear sunglasses during sunny weather ?

.....

8. State the role of water during photosynthesis.

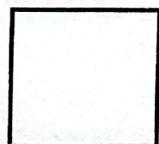
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The diagram below shows a property of magnets. Use it to answer questions 9 and 10 .



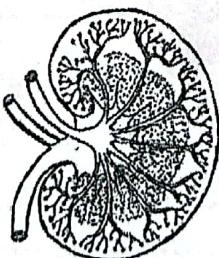
9. Name the pole marked with letter X .

.....



10. Which property of magnets is shown in the diagram above.
-
11. How does height affect the potential energy of an object ?
-
12. Give one way in which a rack promotes the hygiene of utensils at home.
-
13. Mention one use of carbon dioxide to people.
-
14. State one difference between a sugarcane and an irish potato in the way they store food.
-
15. Write one danger of an active smoker to his family members.
-
16. What name is give to the heat that moves without the involment of molecules of matter ?
-
17. Name any one bone found in the lower limbs of a person.
-
18. State one form of first aid for a snake bite.
-

Use the diagram of a human body organ below to answer questions 19 and 20 .



19. Name the organ shown in the diagram .

20. State the role played by the organ above in the circulation of blood.

.....

21. Give one cause of poultry vices among housed birds.

.....

22. Write one activity involved in keeping latrines clean.

.....

23. How do most plants reproduce ?

.....

24. Why are some materials like polythene called non biodegradable ?

.....

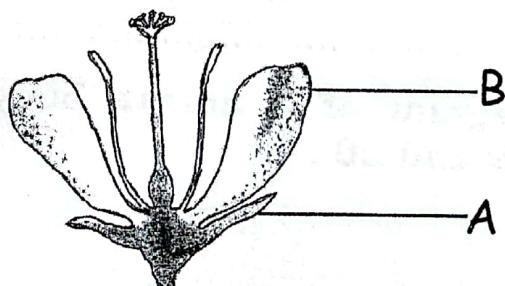
25. What advice can you give to people in your community to control the spread of malaria ?

.....

26. State the cause of tuberculosis.

.....

The diagram below shows parts of a flower. Use it to answer questions 27 and 28 .



27. Name part marked A .

.....

28. State one adaptation of part marked B to its function.

.....

29. Give one practice done to protect a house from the effects of splash erosion.
-

30. State one danger of keeping garden tools without cleaning them after use.
-



31. Give one factor considered by most living things as they select habitats in the environment.
-

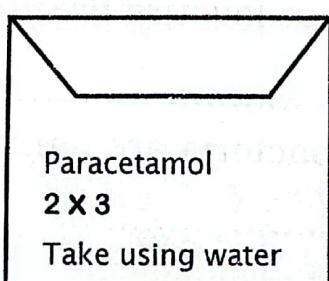
32. State the meaning of soil exhaustion.
-

33. Why is sorghum grouped under grains ?
-

34. Give the importance of stirring when making ORS locally.
-

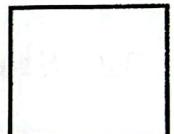
35. Mention one breed of goats kept for milk production .
-

The diagram below shows a packet of drugs which was given to Esther at a health centre. Use it to answer questions 36 and 37.



36. Which term refers to the information written on the packet of drugs above ?
-

37. If Esther was told to start taking the drug at 7:00a.m. , state the time of the day for her second swallowing .
.....
38. State the importance of synovial fluid at a joint.
.....
39. Mention one example of a mixture that can be separated using a magnet.
.....
40. Give one reason why a hoe is grouped under simple machines.
.....



SECTION B 60 MARKS

- 41(a) Mention two examples of chemical changes .
(i)
(ii)
- (b) Give two similarities between chemical and biological changes.
(i)
(ii)
- 42(a) Mention one condition that favours breeding of bacteria .
.....
- (b) Give two ways in which bacteria are harmful to people.
(i)
(ii)
- (c) State one way of minimizing the dangers caused by bacteria to people.
.....

43(a) Mention two examples of drugs of dependence .

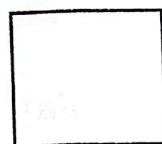
(i)

(ii)

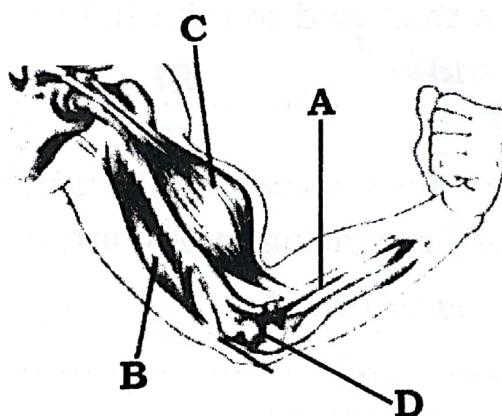
(b) Give two ways in which the youths can be discouraged from drugs of dependence.

(i)

(ii)



44. The diagram below shows part of the human body. Use it to answer questions that follow.



(a) Name the bone marked **A** .

.....

(b) Mention the number of planes in which the joint marked **D** moves.

.....

(c) Why are muscles marked **B** and **C** grouped under;

(i) antagonistic muscles ?

.....

(ii) skeletal muscles ?

.....

45(a) What are scavenger birds ?

.....

(b) Give two examples of scavenger birds .

(i)

(ii)

(c) State one importance of scavenger birds in the environment.

.....

46(a) Explain the meaning of milk hold up as used in the milking process.

.....

(b) Give two factors that lead to milk hold up in cows.

(i)

(ii)

(c) State one way of preventing milk contamination at the milking area.

.....

47(a) Why do crop farmers carry out mulching ?



.....

(b) Mention two advantages of mulching .

(i)

(ii)

(c) Give one danger that can result from mulching if the garden is not well monitored.

.....

48. The table below is about the permanent set of teeth in humans. Study and complete it correctly.

Type of teeth	Number of teeth	Adaptation to the function
(i)	8	broad surface with cusps and ridges for grinding food
canines	4	(ii)
incisors	(ii)	chisel shaped for biting food
(iv)	12	broad surface with cusps and ridges for crushing food

49(a) Give two ways in which animals in the environment feed.

(i)

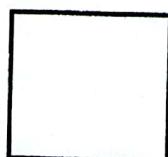
(ii)

(c) How is the feeding in animals different from that of plants ?

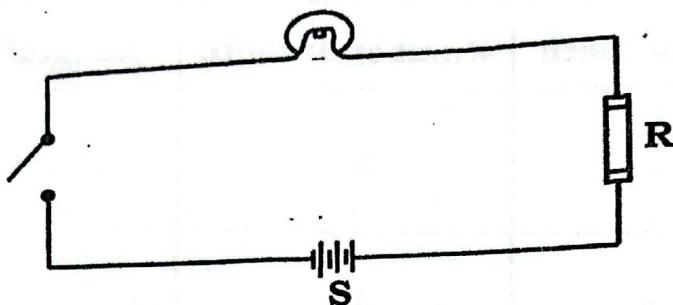
.....

(c) State the role of the sun in the feeding of living things in the environment .

.....



50. Use the diagram of a simple circuit below to answer questions that follow.



(a) Name part marked **R**.

.....

(b) State the energy change that takes place in part **S** when the circuit is complete.

.....

(c) Calculate the voltage of the circuit above. (2 marks)

51(a) Mention two diseases which can be spread by a cockroach.

(i)

(ii)

(b) Give two ways of controlling diseases spread by cockroaches.

(i)

(ii)

52(a) Mention any two ways of playing musical instruments .

(i)

(ii)

(c) Give one way of storing music produced by musical instruments.

.....

(c) State one importance of storing music.

.....



53(a) Which health programme aims at promoting health for all people in the community.

.....

(b) Mention one element of the health programme in 53(a) above.

.....

(c) Give two activities done at community level to promote good health standards.

(i)

(ii)

54. The illustration below shows steps followed when preparing land for crop growing. Use it to answer questions that follow.

harrowing

clearing land

ploughing

- (a) Use arrows to show the order followed when preparing land using the steps above. (2 marks)
- (b) Mention one garden tool used when ploughing land.

.....

- (c) State one importance of harrowing when preparing land for crop growing.

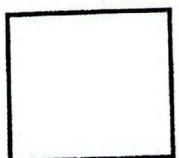
.....

55. The steps followed when making salt locally have been jumbled as shown below. Arrange them to form a correct procedure followed .

1. Pack the ash in a perforated container.
2. Collect pods of legumes and dry them .
3. Add water in the container and collect the salt solution dripping through the holes.
4. Burn the dry pods of legumes to form ash .

Correct procedure

1.
2.
3.
4.



~END~