

ERIA JUNIOR SCHOOL NGOMANENE GOMBA

P.7 TERM ONE EXAMINATION 2023

SET ONE

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No.

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

School Random No.

District ID:

Read the following instructions carefully:

1. This paper has two sections: **A** and **B**. Section A has 40 questions and **section B** has 15 questions. The paper has 10 printed pages.
2. Answer all questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked.
4. No calculators are allowed in the examination room and all diagrams must be drawn using a sharp pencil.
5. Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in the table indicated: "For Examiners' use only" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No	RKS	R'S gn
1- 10		
1- 20		
1- 30		
31 - 40		
41 - 43		
44- 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A

1. Name any one element of weather.

.....

2. State any one service given to a pregnant woman during antenatal.

.....

3. Give the importance of auditory nerve during the process of hearing.

.....

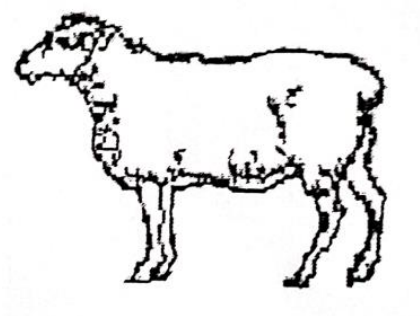
4. Why is the percentage of carbon dioxide exhaled greater than the one inhaled?

.....

5. Which vitamin helps in the formation of platelets?

.....

6. How is the practice shown below useful in sheep rearing?



.....

7. Mention the property of sound energy that enables bats to dodge obstacles.

.....

8. An object has a density of 0.25g/cc . what will happen if the object is put in water?

.....

9. What is science?

.....
.....

10. Give one way how soil erosion leads to soil exhaustion.

.....

11. Briefly explain what is meant by “**sublimation**” as used in matter.

.....

12. Identify any one method used in preservation of hides and skins.

.....

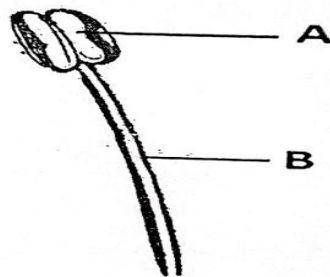
13. Identify the enzyme found in pancreatic juice that breaks down proteins.

.....

14. Name the type of mosquito that spreads yellow fever.

.....

Use the diagram below to answer the questions 15 and 16,



15. Name part marked A.

.....

16. State the function of part marked B.

.....

17. Give one example of attenuated living vaccine.

.....

18. Apart from oestrogen, give any other hormone produced by ovaries.

.....

19. State one biological way of controlling pests in a garden.

.....

20. Apart from nectar, name any one other material collected by bees from plants.

.....

21. What happens to the mass of a liquid when it is frozen?

.....

22. To which group of tuber crops does a crocus yam belong?

.....

23. Define the term surface tension.

.....

.....

24. State one importance of practicing gap filling in the garden.

.....

.....

25. Write PHC in full.

.....

26. Name the component of air that is destructive to iron products.

.....

27. By what process does food move through the alimentary canal?

.....

28. Give one example of a synthetic fibre.

.....

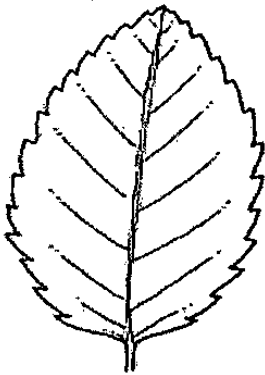
29.How is radiant heat from the sun useful to people?

.....

30.Why does a fish die when it is removed from water for some time?

.....

31.Name the type of simple leaf shown below.



.....

32.State any one stage of food path.

.....

33.Identify any one example of a perennial crop.

.....

34.Give any one effect of heat on matter.

.....

35.How are birds like eagles adapted to their mode of feeding?

.....

36.What do we call the property by which a body remains at the state of rest or uniform motion?

.....

37.State any one similarity between birds and reptiles.

.....

38. Mention the valve that separates the left atrium from the left ventricle.

.....

39. Name the virus that causes chicken pox.

.....

40. Why do we boil water for drinking?

.....

SECTION B

41. a) Briefly give the meaning of the term **environment**.

.....

b) Name any two non-living components of the environment.

i).....

ii).....

c) Mention the resource from which charcoal is got.

.....

42. a) What are communicable diseases?

.....

.....

b) Give two examples of communicable diseases.

i).....

ii).....

c) State one way diseases can be prevented or controlled in our community.

.....

43. a) Give any two causes of soil erosion.

i).....

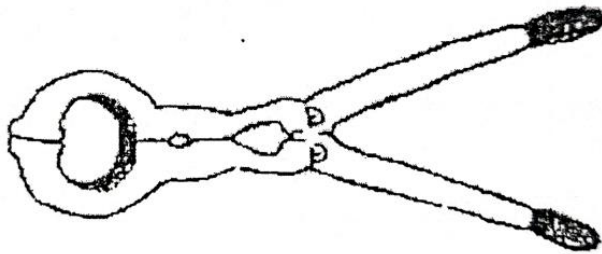
ii).....

b) Identify any two methods used by farmers to control soil erosion.

i).....

ii).....

44. **The diagram below shows a farm tool. Use it to answer the questions that follow.**



a) Name the tool shown above.

.....

b) State the function of the above on the farm.

.....

c) Give any two diseases that affect cattle.

i).....

ii).....

45. a) Identify any one example of each of the following.

i) String instrument

.....

ii) Percussion instrument

.....

b) Give two methods of storing sound.

i).....

ii).....

46. Match the following correctly.

List A

a) *Woodpecker*

b) *Puffin*

c) *Sparrow*

d) *Ibis*

List B

Perching bird

Wading bird

Climbing bird

Swimming bird

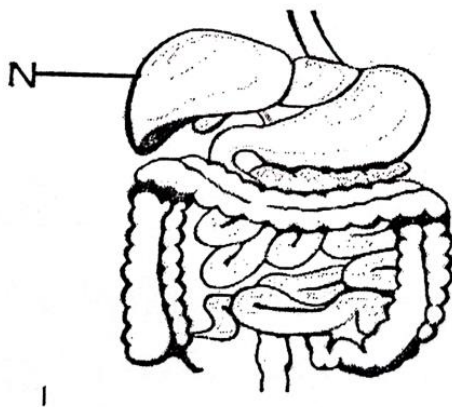
a) Woodpecker

b) Puffin

c) Sparrow

d) Ibis

47. The diagram below shows a body system in human beings. Use it to answer questions that follow.



a) Name the body system shown above.

.....

b) Identify the juice produced in part marked with letter N.

.....

c) State any two ways of caring for the above body system.

i).....

ii).....

48. a) Mention any two activities that help to control the spread of diarrheal diseases in the community.

i).....

ii).....

b) How does proper management of wastes make a home healthy?

.....

.....

c) Give one reason why ash is ordinary pit latrines.

.....

49. a) What is meant by the term immunity?

.....

.....

b) Write down any two examples of childhood immunizable diseases.

i).....

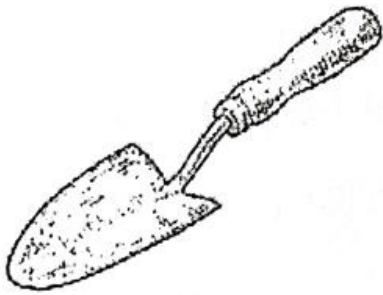
ii).....

c) How is a child health card useful to a parent?

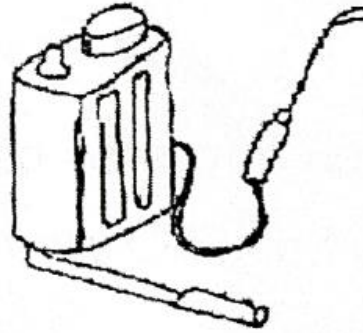
.....

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50. The diagram below shows a garden tool, use it to answer questions that follow.



G



H

a) Name the garden tools marked with letter G and H.

G

H

b) Identify the use of the garden tool marked with letter G to a farmer.

.....

d) How does painting of some garden tools prevent them from rusting?

.....

51. a) What scientific term describes the process by which the manufactured food in plants move from leaves to other parts?

.....

b) Mention any two adaptations of plants to carry out photosynthesis.

i).....

ii).....

c) How does respiration benefits from the process of photosynthesis?

.....

52. ***Match the following correctly***

A

Flying mammal

Gnawing mammal

Sea mammal

Primates

B

man

dolphin

bat

rabbit

- (i) Flying mammal
- (ii) Gnawing mammal
- (iii) Sea mammal
- (iv) Primates

53. (a) What is a resource?

.....

.....

(b) Give two types of resources

i).....

ii).....

(c) Identify one use of the sun as a resource.

.....

54. (a) Explain the following

(i) Drug abuse

.....

.....

(ii) Drug misuse

.....

.....

(b) Give at least one example of drugs of dependency.

.....

(c) How can one avoid drugs of dependency?

.....

55. (a) How is transpiration important in the environment?

.....

(b) Give any two factors that affect the rate of transpiration.

i).....

ii).....

(c) Why are some crops like coffee pruned?

.....

THE END