

ERIA JUNIOR SCHOOL NGOMANENE GOMBA

P.7 TERM ONE EXAMINATION 2023

SET THREE

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.

Turn over

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 domestic animal that is used for transport.
.....
2. Apart from boiling water ,give one other way water can be made safe for drinking.
.....
3. How does free range system help to minimize poultry vices on a farm?
.....
4. Identify any one plant with underground stem.
.....
5. What is the advantage of using alcohol over mercury n thermometers?
.....
6. Mention one principle of primary health care.
.....
7. How does mulching help to moisture in soil.
.....
8. Why should the elderly people be fed on foods rich in proteins?
.....
9. In which units is weight measured.
.....
10. Name the blood vessel that carries deoxygenated blood from the heart to the lungs.
.....
11. Name one item that a P.7 child can make to carry a casualty to the nearest health centre.
.....
12. Mention any one water habitat vector disease.
.....

13. Why are people advised to perform regular physical exercises?

.....

14. State the importance of vitamin D in the body.

.....

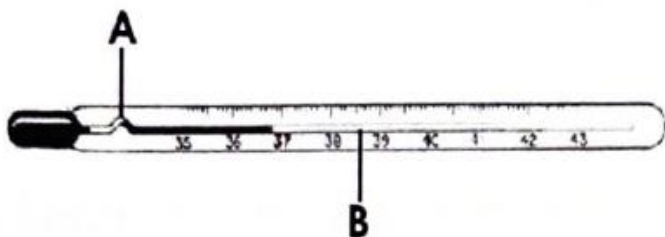
.....

15. How can you help your friend to stop the of smoking?

.....

.....

The diagram below shows a clinical thermometer. Use it to answer the questions 16 and 17.



16. Name part marked with letter B.

.....

17. State the function of part marked with letter A.

.....

.....

18. How do plants help to reduce the effect of global warming?

.....

.....

19. Identify any one factor that affects the sound produced by a guitar.

.....

20. Apart from producing ova, state one other function of the ovaries in a woman.

.....

21. What is the composition of steel as an alloy?

.....

22. Why are we advised to chew food properly before swallowing it?

.....

The diagram below shows a blood cell. Use it to answer the questions 23 and 24.



23. Name the blood cell shown above.

.....

24. How is the blood cell above adapted to its function apart from having hemoglobin?

.....

25. What happens to the diaphragm during exhalation?

.....

26. In the space below , draw a compound bifoliate leaf.



27. At what age is the first dose of Hep B vaccine administered to a baby.

.....

28. How is the function of the anthers of a flower different from that of a stigma?

.....

29. Mention any one disease that attacks both rabbits and poultry.

.....

30. Why should a living house have proper ventilation?

.....

31. Which clouds are the furthest in the sky?

.....

32. State the importance of treads on a car tyre.

.....

33. Which type of nutrition do plants have .

.....

34. State one reason a farmer should keep farm records.

.....

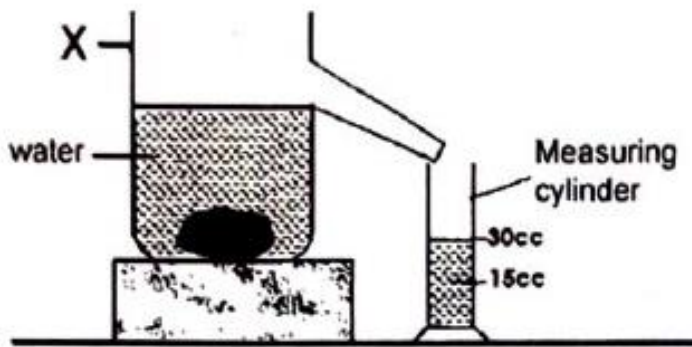
35. Name the bacterium that causes syphilis.

.....

36. State one effect of intestinal worms in the body of a person.

.....

37. What is the volume of the object below?



.....

38. Which state of matter is mercury at room temperature?

.....

39. State one physical difference between arachnids and insects apart from the number of legs.

.....

40. How can the solubility of a substance like salt be increased.

SECTION B

41. a) What is meant by the term germination?

.....

b) Write down any two characteristics of viable seeds.

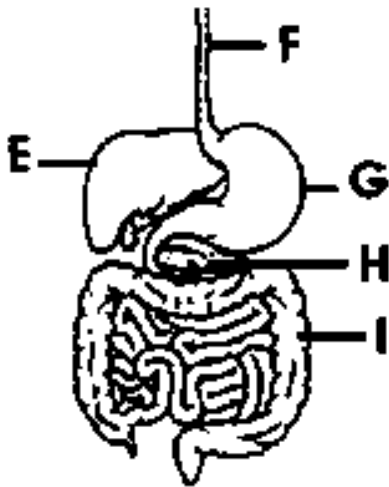
i).....

ii).....

c) State the role of the oxygen during seed germination.

.....

42. The diagram below is of the digestive system of a human being . use it to answer the questions that follow .



a) State the function of part F during digestion.

.....

b) Name the part marked G

.....

c) Which hormone is produced by part H?

.....

b) Give one non infectious disease that affects the above system.

.....

43. a) Identify any two electronic ways of storing sound.

i).....

ii).....

b) How does the government of Uganda benefit from the music industry?

.....

c) To which group of musical instruments does a saxophone belong?

.....

44. a) What is pollination?

.....

.....

b) Point out any two ways how some plants avoid self pollination.

i).....

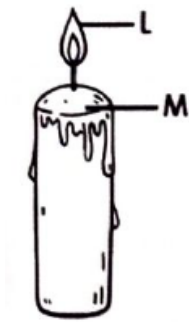
ii).....

c) State any one characteristic of wind pollinated flowers.

.....

.....

45. The diagram below is of a burning candle . use it to answer the questions that follow.



a) Name the part marked L.

.....

b) What will happen to part M after receiving heat.

.....

.....

c) Why is burning regarded as a chemical change?

.....

d) Apart from oxygen and heat , mention one other thing that is needed for burning to take place

.....

46. a) What does the ovary of a flower become after fertilization?

.....

b) Give two examples of pomes apart from apples.

i).....

ii).....

c) How is coconut fruit adapted to its mode of dispersal?

.....

.....

47. The table below shows food deficiency diseases and their causes. Complete it correctly.

Disease	Cause
Anemia	_____
_____	Lack of Vitamin A
Pellagra	_____
_____	Lack of iodine

48. a) What is environmental degradation?

.....

b) Write down any two examples of natural calamities.

i).....

ii).....

c) State any one measure of controlling environmental degradation.

.....

.....

49. a) Mention any two practices that are carried out on a cattle farm.

i).....

ii).....

b) State two ways a farmer can control ticks on his farm.

i).....

ii).....

50. a) Name any two substances used when preparing ORS at home.

i).....

ii).....

b) Write ORS in full.

.....

c) State any two types of thermometers apart from a clinical

i).....

ii).....

51. a) Give two types of thermometers apart from a clinical thermometer.

i).....

ii).....

b) Convert 64 to F. (2 marks)

52. a) What is adolescence?

.....

.....

b) State any two secondary characteristics changes in boys.

i).....

ii).....

c) What advice can you give to your friend to protect himself against HIV/AIDS.

.....

53. Match list **A** to list **B** correctly.

A

B

i. Mesenteric artery

liver

ii. **Femoral** artery

leg

iii. Hepatic artery

head

iv. Carotid artery

stomach and intestines

i) Mesenteric artery

ii) Femoral

iii) Hepatic artery

iv) Carotid artery

54. a) State any two advantages of breast feeding to a baby.

i).....

ii).....

b) Point out any two reasons why bottle feeding maybe used to feed a baby.

i).....

ii).....

55. Study the diagram below and use it to answer the questions that follow.



a) What term describe the happening in the diagram above.

.....

b) Mention any one possible cause of the above happening on Ugandan roads.

.....

c) State any two effects of the above happening to a family.

i).....

ii).....

END