



THE REPUBLIC OF UGANDA

LUUKA DISTRICT LOCAL GOVERNMENT

P.7 MOCK EXAMINATION 2024

INTERGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No.

Random No.						Personal No.		

Candidate's Name:

Candidates's Signature:.....

School Random No.

District ID:

Read the following instructions carefully;

1. This paper has two sections A and B
2. Answer all questions. All answers to both sections A and B must be written in the spaces provided
3. All answers must be written using a blue or black ball point - pen or ink
4. Unnecessary changes of work may lead to loss of marks
5. Any hand writing that can not easily be read may lead to loss of marks.
6. Do not fill any thing in the boxes shown:
" For Examiners' Use only" and those inside the question papers

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

2024 LUUKA DISTRICT LOCAL GOVERNMENT

Turn Over

SECTION A (40 marks)

1. Name the hardest part of the tooth
.....
2. Give a reason why earth worms come out of the soil when it rains?
.....
3. Which PIASCY message can help young girls to avoid early pregnancy?
.....
4. Identify the class of food we get from eating beans and meat?
.....
5. How does overgrazing and bush burning lead to soil erosion?
.....
6. State the main reason why farmers who keep sheep carryout docking.
.....

The diagram below shows a blood cell. Use it to answer questions 7 and 8.



7. Name the blood component shown above.
.....
8. Give the function of the above blood component in the human body.
.....
9. Mention any one example of a climbing bird.
.....
10. Give the use of a cobweb to a spider.
.....
11. In which way is the use of solar energy help to conserve the environment.
.....
12. In the space provided below, draw a symbol for a dry cell.

.....
13. How does crop rotation control pests in a garden.
.....

14. What happens to the lungs during inhalation?

15. State any one disorder of the digestive system.

16. Give a reason why carbondioxide is used in fire extinguishers.

The diagram below shows a leaf. Use it to answer question s17 and 18



17. Name the type of leaf venation shown above.

18. Mention any one plant in the environment with the type of leaf venation named above.

19. Give the use of ventilators on a house.

20. How is a bat able to locate food in complete darkness? -

21. In which way is a swim bladder useful to a fish?

22. To which class of levers does a pair of scissors belong?

23. Gloria mixed salt with water and salt dissolved. What method can she use to get salt from the solution?

24. How can a tomato farmer make use of the old used up matter removed from the biogas digester?

25. State any one way in which wind is used as an energy resource

26. Give a reason why people who work in dirty places wear gumboots.

27. Mention any one method of soil formation.

28. Name the part of A VIP latrine which lets out bad smell.

29. How does a millipede protect itself against enemies?

The diagram below shows part of a flower. Use it to answer questions 30 and 31



30. Name the part of a flower shown above.

31. Give the function of the part marked X to a flower.

32. What type of energy is possessed by a P.7 girl running to school?

33. Why does a dry wood float when put in a bucket full of water?

34. In which way is the propagation of sisal similar to that of bananas?

35. Name the human body organ used for tasting.

36. Identify any one raw material needed by plants during photosynthesis.

37. How does oiling and painting of metals prevent rusting.

38. What name is given to animals without back bones?

39. Mention the element of weather used by people to dry their crops after harvesting.

40. Write down any one activity done to promote oral health.

SECTION B (60 MARKS)

41 a) Which type of bees are commonly seen on flowers?

b) State any two causes of swarming in bees

(i).....

(ii).....

c) Name the structure in a modern beehive which prevents the queen bee from crossing into the honey chamber

42. The diagram below shows the life cycle of a butterfly. Use it to answer questions that follow.



a) Name the type of life cycle shown above.

b) Draw the stage at P.

43. (a) Name the process in plants which has the same function as sweating in man.

b) State any two factors that affects the process named in (a) above.

(i).....

(ii).....

c) Give any one way in which plants reduce the process named above.

44. a) What name is given to a female rabbit?

b) Mention any two exotic breed of rabbits kept in Uganda.

(i).....

(ii).....

c) Identify any one disease that affects rabbits.

45. a) State any two proper ways of storing drugs

i)

ii)

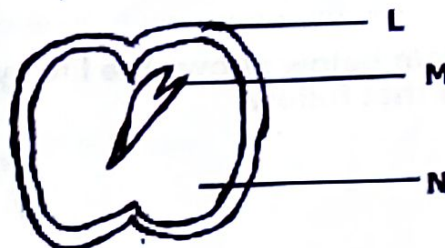
b) Give any one way in which drugs are misused

.....

c) Name any one drug which is commonly abused by people in your community

.....

46. The diagram below shows the internal parts of a bean seed. Use it to answer the questions that follow



a) Name the parts marked L and M

i) L.....

ii) M.....

c) Use an arrow and letter P to show the part that grows into a root system when a bean seed germinates.

.....

47 a) State any two reasons why first Aid is given to casualties.

(i).....

(ii).....

b) Identify any one quality of a good first aider

.....

c) Mention any one item found in a first Aid box.

.....

48. (a) How does heat travel through the following states of matter;

(i) Solid.....

(ii) Liquid.....

b) What is the difference between heat and temperature?

.....

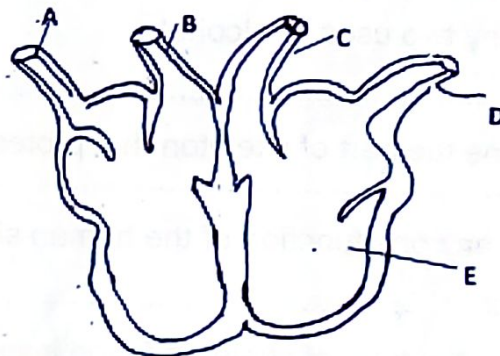
c) Mention any one effect of heat on matter

49. The table below shows terms used in sound in part A and their meaning in part B

A	B
Volume	- Highness or lowness of sound.
Frequency	- Width of vibrations
Pitch	- Softness or loudness of sound.
Amplitude	- Number of vibrations per second

- i) Volume
- ii) Frequency.....
- iii) Pitch.....
- iv) Amplitude.....

- 50 The diagram below shows the human heart. Study the diagram and use it to answer the questions that follow



- a) Name the blood vessel marked A and B.
- (i) A.....
- (i) B.....
- b) Which type of blood is carried by the blood vessels marked D?
-
- c) Give the function of the part marked E.
-
51. a) Where in the human body does conception take place?
-
- b).Mention any two secondary sex characteristics common in both adolescent boys and girls.
- (i)
- (ii)

c) State one danger of ectopic pregnancy.

52 a) What term is used to mean a class of cattle kept for a specific purpose?

b) Give any two characteristics of local breeds of cattle.

(i).....

(ii)

c) Name any one dairy breed of cattle.

53.a) Which type of alcohol can cause blindness when it comes into contact with our naked eyes?

b) Identify any one method of making alcohol.

c) Give any two uses of alcohol.

54(a). Name the part of skeleton that protects the spinal cord.

(b) State any one function of the human skeleton to a P.2 boy.

(c) Identify the type of skeleton found in insects.

(d) Mention any one long bone in the human body.

55 (a) State any one way of making magnets.

b) Give a reason why magnets are kept with iron keepers.

c) Name any one magnetic material.

d) Mention any one property of magnets.