



VICTORY STEP EDUCATION SERVICES – KAMPALA

PRIMARY SEVEN SILVER SET TWO

2024

# INTEGRATED SCIENCE

*Time Allowed: 2 hours 15 minutes*

EMIS NUMBER						Personal No:		

Candidate's Name: .....

Signature: .....

DISTRICT NAME .....

School Name: .....

**Read the following instructions carefully:**

1. Do not forget to write your **school** or **district ID** on the paper.
2. This paper has two sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **16** printed pages.
3. Answer **all** questions. **All** working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily 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.	MARKS	EXR'S NO.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
<b>TOTAL</b>		

## SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. How can mulching be dangerous to a farmer?

.....

2. Give the meaning of matter.

.....

3. Which component of a circuit breaks it in case of too much current flow?

.....

4. How does paddock grazing help to control tick borne diseases?

.....

5. Mention any one characteristic of forms of energy.

.....

6. Mention any one factor considered when starting a school garden.

.....

7. To which group of organisms does the organism below belong.



.....

8. How does the above organism reproduce ?

.....

9. Which type of change occurs when volcanic eruption occurs?

.....

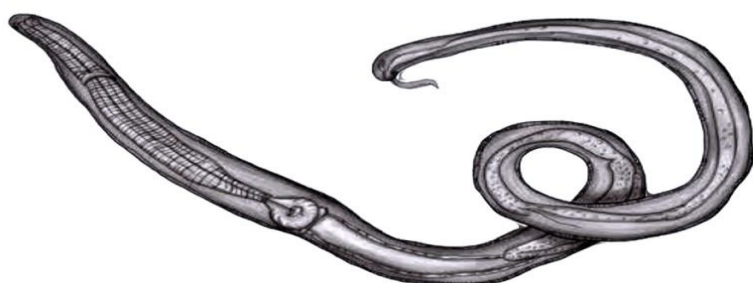
10. Why should a house for goats be well ventilated?

.....

11. Mention any one way germs can be spread spread.

.....

12. What does the worm drawn below feed on?



.....

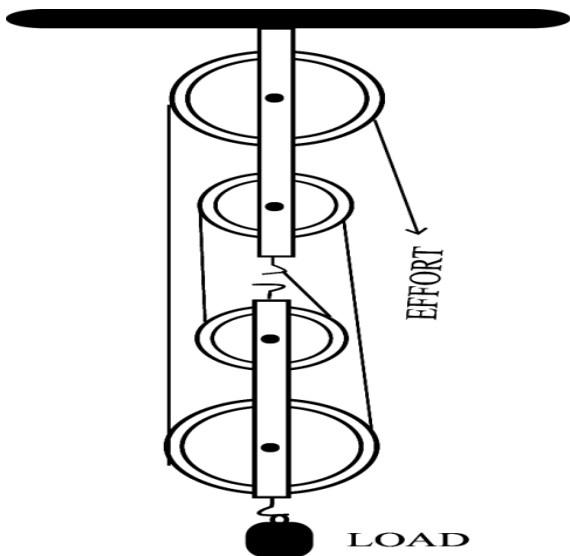
13. Mention any one sign of the worm drawn above in the body.

.....

14. What first aid can you give to a person who has been burnt by porridge?

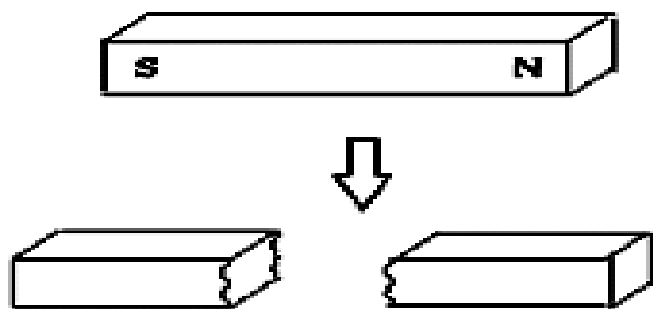
.....

15. Which rabbit disease leads to mucus discharge from the nose and sneezing of the rabbit all the time?  
.....
16. How is the gall bladder important in the human body?  
.....
17. Mention any one danger of too much rainfall in the environment.  
.....
18. Which term refers to animals without a back bone?  
.....
19. Name the pulley system drawn below



20. What is the mechanical advantage of the pulley system drawn above?  
.....
21. State one reason why sound is referred to as a form of enegy.  
.....
22. What is the function of the Aorta during blood circulation in the body?  
.....
23. How best can a primary child protect him/herself from contracting HIV/AIDS?  
.....
24. Why should a cattle keeper use a clean dry cup when extracting milk from a cow?  
.....
25. How is a burddizo important in piggery?  
.....
26. Mention any one example of an animal fibre  
.....
27. Why do farmers prefer rearing local breeds of chicken to exotic breeds of chicken?  
.....
28. How does the use of charcoal energy saving stoves help to reduce on the rate of deforestation in an area?  
.....
29. How are molar teeth similar to pre – molars in terms of their function?  
.....

30. Which mineral is a source of tungsten used to make electric bulb filaments?  
.....
31. Mention any one example of a gas fuel.  
.....
32. Why should plastics and polythene bags be properly disposed?  
.....
33. Mention the main product of respiration.  
.....
34. Which property of magnets is drawn below?

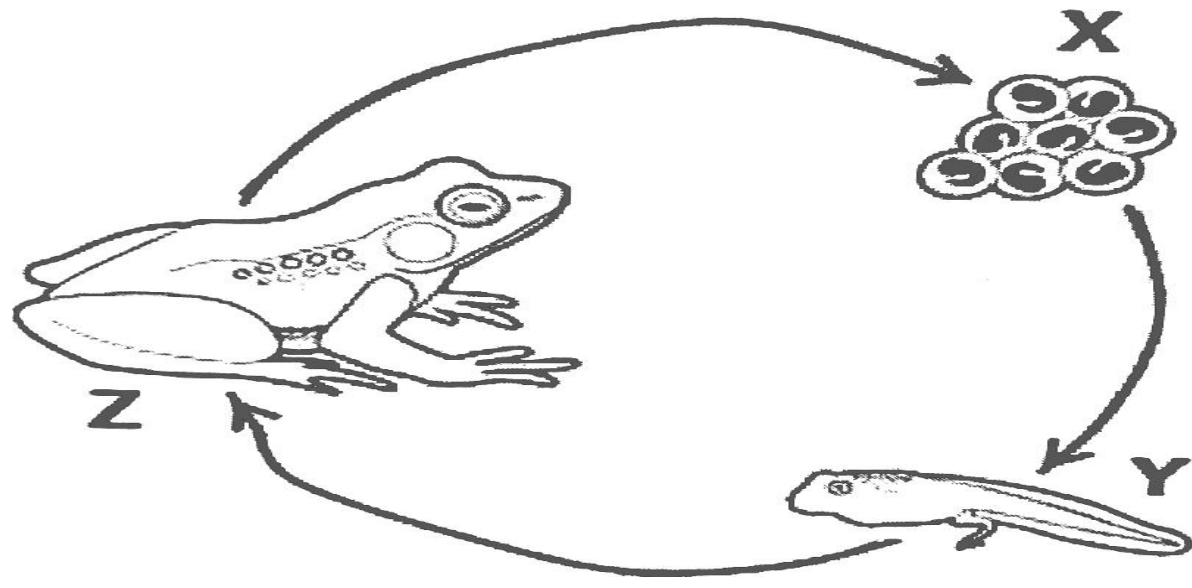


- .....
35. List down one sign of pregnancy in women.  
.....
36. Which Immunizable disease leads to lameness?  
.....
37. State any one effect of rusting to metals.  
.....
38. Which fungus is used in the fermentation method of making alcohol?  
.....
39. Give a reason why water is added in a pit when making compost manure?  
.....
40. Mention any one advantage of artificial fertilizers.  
.....

**SECTION B( 60MARKS).**

- 41a). Which method is used to separate a mixture of water and alcohol?  
.....
- b) Give a reason why the above method is used to separate a mixture of water and alcohol.  
.....
- c) Mention any other two methods used to separate mixtures.
- i) .....
- ii) .....

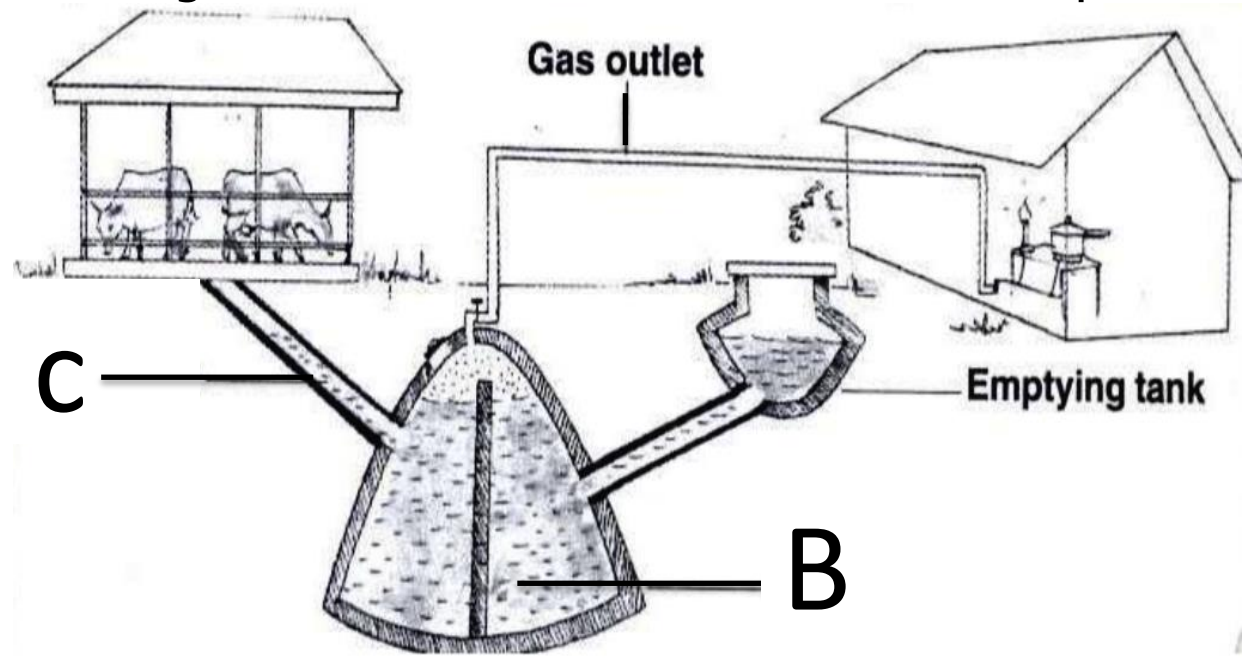
42. Study the diagram below and use it carefully to answer the questions that follow .



- a) Name the stage of life cycle marked with letter **X**.  
.....
  - b) Which amphibian has the life cycle shown above?  
.....
  - c) State the difference in terms of breathing between stage **Y** and stage **Z**.  
.....  
.....
  - d) Name any other example of an amphibian in the environment.  
.....
- 43a) Give any other organ of the circulatory system apart from the heart.  
.....
- b) Give any two ways in which the human heart is adapted to its function.
    - i) .....
    - ii) .....
  - c) Which blood component help in blood clotting?  
.....
- 44a) What is meant by the term "**excretion**"  
.....  
.....
- b) Mention two ways excretion is important in the body.
    - i) .....
    - ii) .....
  - c) Mention one excretory product released by both the skin and the kidney.  
.....

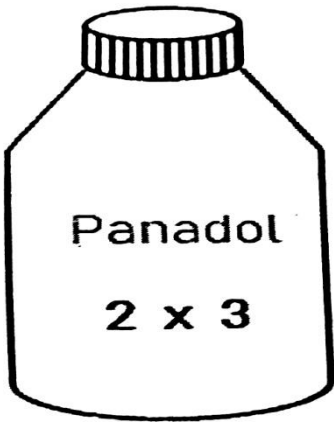


45. Study the diagram below and use it to answer the questions that follow.



- a) Give the function of part marked **C**.  
.....
- b) Mention two materials that can be put in part marked **B**.  
i) .....  
ii) .....
- c) What is the role of bacteria in part marked **B**?  
.....
- 46a) State one type of stem to plants.  
.....
- b) Give a reason to why some plants climb others.  
.....
- c) Mention two methods plants use to climb others.  
i) .....  
ii) .....
- 47a) Which method of grazing cattle involves the farmer to tie a cow on pegs or trees using ropes?  
.....
- b) State any one advantage of the above method of grazing cattle.  
.....
- c) Give any two disadvantages of grazing cattle using the above method of grazing cattle  
i) .....  
ii) .....
- 48a)Mention one physical process involved in the distillation method of making alcohol.  
.....
- b) Give a reason why the delivery tube is passed through cold water during the distillation method of making alcohol.  
.....

- c) Mention two ways alcohol is important to the medical industry.
- i) .....
  - ii) .....
49. The diagram below shows a certain message which a doctor gave to Mukisa to go and take. Use it carefully to answer the questions that follow.



- a) What name is given to the information written on the essential drug above?  
.....
  - b) If the patient took the drug above in the morning at 7:00am , at what time of the day will the patient be required to take the drug again?  
.....  
.....  
.....  
.....
  - c) Mention one danger of taking drugs from local drug shops.  
.....
- 50a) How are horsetails similar to ferns in terms of reproduction?  
.....
- b) Which group of non – flowering plants reproduces by means of seeds?  
.....
  - c) Mention any two examples of non – flowering plants that reproduces by means of seeds.
    - i) .....
    - ii) .....
- 51a) Give any two ways in which market is a unifying factor in farming.
- i) .....
  - ii) .....
- b) Apart from market , give any two other requirements for starting a farm.
    - i) .....
    - ii) .....
- 52a) How does chlorine make water safe for drinking?  
.....
- b) Give one other method of making water safe for drinking apart from chlorination.  
.....

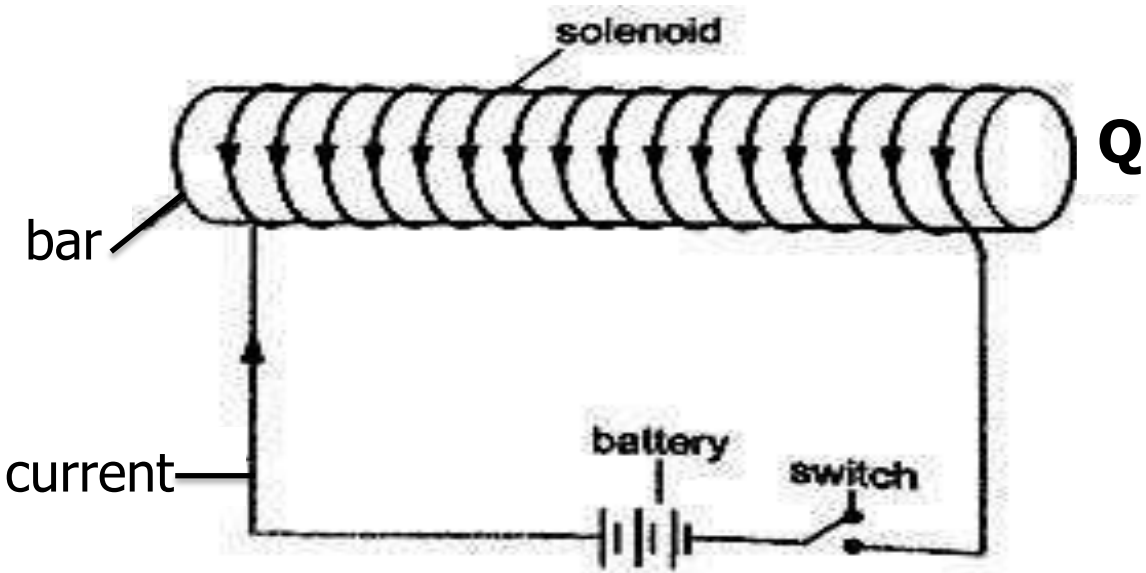
- c) Why is water obtained by distillation not recommended for drinking?  
.....
- d) Mention any one use of water obtained by decantation at home.  
.....

- 53a) Write down any two factors that may lead to teenage pregnancy .
- i) .....
  - ii) .....
- b) Give any two consequences of teenage pregnancy.
- i) .....
  - ii) .....

- 54a) Give the meaning of the word "**Ventilation**"
- .....
- .....

- b) What is the use of ventilators on a house?  
.....
- c) Give a reason why ventilators are put on top of doors and window?  
.....
- d) Mention any other application of ventilation in the environment.  
.....

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



- a) Name the method of making magnets shown above.  
.....
- b) How many dry cells were used in the above method of making magnets?  
.....
- c) How many volts were used in the above method of making magnets?  
.....  
.....  
.....
- d) Name the pole marked **Q**.  
.....