



**KAMPALA CENTRAL EXAMINATIONS BOARD**  
**PRIMARY SEVEN SET ONE EXAMINATION**  
**2025**  
**INTEGRATED SCIENCE**

Time Allowed: 2 hours 15 minutes

Candidate's Name: \_\_\_\_\_

Candidate's Signature: \_\_\_\_\_

School Name: \_\_\_\_\_

Read the following instructions carefully:

1. This paper has two sections: Section A and section B.
2. Answer all the questions. All the working for both sections A and B must be shown in the spaces provided.
3. All the working must be done using a blue or black ball point pen or ink. Any work done in pencils other than graphs and diagrams will not be marked.
4. No calculators are allowed in the examination room.
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**

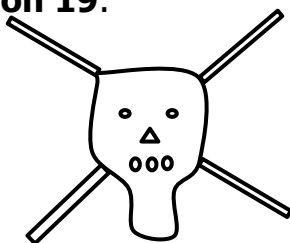
Q.N. NO	MARKS	EXR'S NO.
1-10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 54		
55		
TOTAL		

**SECTION A: (40 MKS)**


1. In which state of matter is milk?  
\_\_\_\_\_
2. Give **one** example of a gnawing mammal.  
\_\_\_\_\_
3. Name the type of cattle kept purposely for meat production.  
\_\_\_\_\_
4. How is chlorination important in safe water management?  
\_\_\_\_\_
5. What advice can you give to Katumba who wants to tell the amount of water vapour in the atmosphere?  
\_\_\_\_\_
6. Name the blood cells greatly affected when one suffers from HIV/AIDS.  
\_\_\_\_\_
7. What term is used to describe the removal of top soil by heavy rains and wind?  
\_\_\_\_\_
8. State **any one** body organ affected by excessive smoking.  
\_\_\_\_\_
9. Why should you encourage one to bathe with soap?  
\_\_\_\_\_
10. Name **any one** crop propagated by stem cutting.  
\_\_\_\_\_
11. What defense mechanism has a chameleon?  
\_\_\_\_\_
12. Give **any one** condition that favours germination of seeds.  
\_\_\_\_\_
13. Why is it risky to remove a foreign body from the ear without consulting a health worker?  
\_\_\_\_\_
14. How does sound travel?  
\_\_\_\_\_

15. What type of honey bees are responsible for construction and repair of hives?  
\_\_\_\_\_
16. State **any one** danger of teenage pregnancy.  
\_\_\_\_\_
17. Mention **one** solute used to make O.R.S.  
\_\_\_\_\_
18. Give a reason why sound is not regarded as matter yet it can be stored.  
\_\_\_\_\_

**The diagram below is of a symbol which is put on packages of farm chemicals. Use it to answer question 19.**



19. Why is the above symbol put on farm chemicals?  
\_\_\_\_\_
20. How is the ileum adapted to its duty of absorption of digested food?  
\_\_\_\_\_
21. Which activity can be carried out at home with the help of filtration?  
\_\_\_\_\_
22. Why is it unsafe to keep a burning charcoal stove in a living house at night?  
\_\_\_\_\_
23. State **one** factor which can make breast feeding impossible.  
\_\_\_\_\_
24. In which way can mulching be a nuisance practice?  
\_\_\_\_\_
25. How can drug poisoning be controlled among children?  
\_\_\_\_\_
26. State the communicable water borne disease that affects human bones and muscles.  
\_\_\_\_\_

27. How does fish help to control kwashiorkor among babies?
- 
28. Give **one** good health habit one should practice before having a meal.
- 
29. State **one** example of a renewable resource.
- 
30. Why is it important to apply cold water on the part of a person burnt by fire?
- 
31. Give **one** device in which sound is stored.
- 
32. In which way are wall geckos useful in a house?
- 
33. Why are fish grouped under cold blooded animals?
- 
34. **In the space provided below, draw a beak of a swimming bird.**
- 
35. Name the sexually transmitted disease that affects the sight of a newly born baby.
- 
36. Mention **one** activity done during a village food path.
- 
37. How is breathing in fish different from that of a housefly?
- 
38. Give **one** way in which onions are propagated.
- 
39. Which thermometrical liquid is commonly used by doctors because of being clear?
- 
40. Name the mammal that uses echoes to find its way out at night.
-

**SECTION B: (60 MKS)**

41a) Give **two** ways of making water clean for washing clothes.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

b) State the danger of washing clothes near water sources.

\_\_\_\_\_

c) Why should washed clothes be properly ironed before use?

\_\_\_\_\_

42a) State **two** examples of goats that farmers rear for milk production.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

b) What is the gestation period of a goat?

\_\_\_\_\_

c) Give the **term** used to refer to giving birth in goats.

\_\_\_\_\_

43. **Match the following correctly.**

Animals	Product
a) Sheep	mohair
b) Pigs	hides
c) Goats	wool
d) Cattle	lard

a) Sheep \_\_\_\_\_

b) Pigs \_\_\_\_\_

c) Goats \_\_\_\_\_

d) Cattle \_\_\_\_\_

44. At times, people take more of a particular drug than the body requires.

a) What **term** is used to describe such a condition?

\_\_\_\_\_

b) State **any one** danger of taking more of a particular drug than the body requires.

\_\_\_\_\_

c) What advice can you give to people to overcome such dangers in (b) above?

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d) Mention **any one** example of an essential drug you know.

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45a) Give **two** examples of fungi.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

b) How do fungi reproduce?

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c) Point out **one** difference between fungi and ferns.

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46a) What sense do P.1 pupils in your school use to detect the sound of the school bell?

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b) How does sound reach a P.1 pupil standing 20metres away from the school bell?

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c) Write **two** uses of echoes.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

47a) Name **any one** method of preparing alcohol.



The image shows a pink rectangular advertisement for the Kampala Central Examinations Board. It features the board's name in bold, a stylized logo, and a table of fees for different classes. Below the table, it says 'For Booking: 0751005885' and 'Don't MISS'.

Category	Unit Fee
HARD COPIES	
NURSERY	Ushs. 1,000
P.1 to P.3	Ushs. 1,000
P.4 to P.6	Ushs. 1,800
P.7 - Ushs.	4,000

SOFT COPIES: Ushs. 60,000  
ALL CLASSES: Ushs. 20,000  
P.7 CLASS ONLY: Ushs. 20,000

For Booking: 0751005885  
Don't MISS

b) State **two** reasons people give for taking alcohol.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

c) Mention **one** effect of alcohol to the body of an individual.

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48a) State the function of each of the following farm tools.

(i) a strip cup \_\_\_\_\_

(ii) a burdizzo \_\_\_\_\_

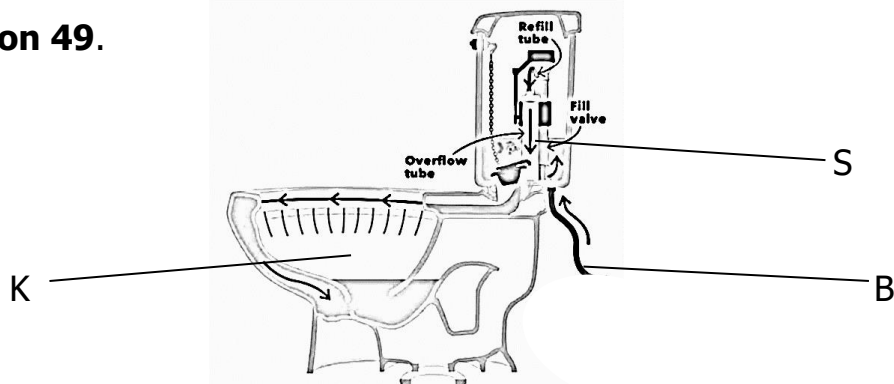
b) Name **any one** method used for milking cows.

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c) Why are teats on an animal's udder washed before milking is done?

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49. The diagram is of a waterborne toilet (water closet). Use it to answer question 49.



49a) Name the type of toilet shown in the diagram above.

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b) What is the use of part marked **B**?

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c) Where does tube **S** lead to?

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d) What is the use of part **K** to the toilet?

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50a) What is **family planning**?

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b) Mention **any** artificial method of family planning.

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c) Name **one** natural method of family planning.

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d) State the advantage of practicing family planning to parents.

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51a) What are **vices** in poultry keeping?

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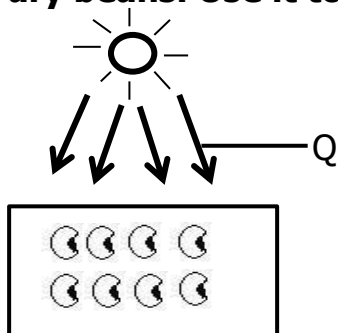
b) Name **any two** vices in poultry keeping.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

c) How can vices be controlled in poultry keeping?

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52. The diagram below shows an energy resource in our environment used to dry beans. Use it to answer questions that follow.



- a) Name the heat transfer **Q** shown in the diagram.  
\_\_\_\_\_
- b) Besides the sun, mention **any other two** energy resources found in the environment.  
(i) \_\_\_\_\_  
(ii) \_\_\_\_\_
- c) Why is the sun said to be an energy resource?  
\_\_\_\_\_
- 53a) Write down the importance of each of the following materials when giving first aid.  
(i) Splint \_\_\_\_\_  
(ii) A stretcher \_\_\_\_\_
- b) State **any two** reasons why we give first aid to casualties.  
(i) \_\_\_\_\_  
(ii) \_\_\_\_\_
54. **Given the animals; rats, man, apes, snakes, sunbird.**
- a) Name the **two** animals which belong to primate group of mammals.  
(i) \_\_\_\_\_ (ii) \_\_\_\_\_
- b) How is the reproduction of a rat different from that of a sunbird?  
\_\_\_\_\_
- c) Name **any one** feature which makes a sunbird different from all the animals in the list above. \_\_\_\_\_

- 55a) Briefly explain the term "**skeleton**".  
\_\_\_\_\_

- b) Mention **any one** organism with the following type of skeleton.  
(i) Endo skeleton \_\_\_\_\_  
(ii) Hydrostatic skeleton \_\_\_\_\_
- c) Give **any one** importance of a skeleton to animals.  
\_\_\_\_\_

**END (KAMCEB 2025)**