

# CENTENARY EDUCATIONAL CONSULT END OF TERM I EXAMINATIONS - 2024



## PRIMARY SEVEN INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes



Index No:

Random No.						Personal No.		

Candidate's Name: .....

School Name: .....

School Emis No: .....

Candidate's Signature: .....

Read the following instructions carefully:

1. Do not write your **school** or **District** name anywhere on this paper.
2. Section **A** has **40** questions (**40** marks)
3. Section **B** has **15** question (**60** marks)  
Attempt **ALL** questions.  
All answers to both sections **A** and **B** must be written in the spaces provided.
4. All answers **MUST** be written using blue or **black** ball – point pen or **ink**. Diagrams should be drawn in **pencil**.
5. Unnecessary **changes** of work may lead to **loss** of marks.
6. Any handwriting that cannot easily be read may lead to **loss** of marks.
7. Do not fill anything in the boxes indicated "For examiner's use only".

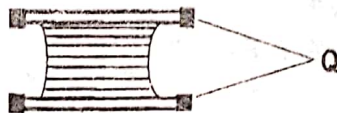
FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXR'S NO.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

Prepared by, Centenary Educational Consult (Kampala) Tel: 0700577551 / 0781007527  
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### **SECTION A:**

1. Give any **one** component of soil.  
\_\_\_\_\_
2. How does a wasp protect itself from enemies?  
\_\_\_\_\_
3. State a reason why animals move from one place to another.  
\_\_\_\_\_
4. Why does a freely suspended magnet rest pointing North- South direction?  
\_\_\_\_\_
5. Name the part of a cassava plant used to store food.  
\_\_\_\_\_
6. Give any **one** example of egg laying mammal.  
\_\_\_\_\_
7. Which method can one use to measure the volume of a key?  
\_\_\_\_\_

Use the diagram of first aid item below to answer the questions that follow.

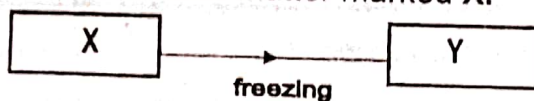


8. Mention any **one** material used to make part Q  
\_\_\_\_\_
9. State the function of the above first aid item.  
\_\_\_\_\_
10. Name the force that enables rain droplets to reach the ground.  
\_\_\_\_\_
11. Give a reason why a rain gauge is put in an open place while in use.  
\_\_\_\_\_
12. How is the function of stomata found in a leaf similar to that of gills of a tadpole?  
\_\_\_\_\_
13. Which part of the heart pumps deoxygenated blood to the lungs?  
\_\_\_\_\_
14. How is a six's thermometer reset?  
\_\_\_\_\_



15. Name the part of a maize grain that has the same function as a granary

16. Name the state of matter marked X.



17. By what process does Y change back to X?

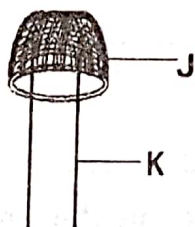
18. How is coconut seed adapted to be dispersed by water?

19. In which **one** way are maggots useful in the environment?

20. Give a reason why distilled water is not good for drinking.

21. State the importance of prickly hair to a caterpillar.

The diagram below is of a component of VIP latrine. Use it to answer the questions that follow.



22. How is part J adapted to its function?

23. State the function of part K.

24. Identify the worm that enters our bodies through bare skin.

25. Give any **one** example of a pest that attacks maize in the garden.

26. In which way is skeleton important to the circulatory system?

27. Why are people encouraged to wash hands with soap after using the latrine?  
\_\_\_\_\_
28. Okello is a poultry farmer who rears local breeds. Give a reason why he spends less money for treating his birds.  
\_\_\_\_\_
29. Name the body sense organ that needs light to function.  
\_\_\_\_\_
30. Why are the legs of a fainted person raised slightly above the head during first aid?  
\_\_\_\_\_
31. State any one step taken when cleaning clothes at home.  
\_\_\_\_\_
32. Give a reason why arthropods molt.  
\_\_\_\_\_
33. Mention any **one** chemical contained in toothpaste.  
\_\_\_\_\_

The diagram below shows part of a flower. Use it to answer the question that follow.



34. Name part marked with letter K.  
\_\_\_\_\_
35. Give any **one** example of milk breed of goats  
\_\_\_\_\_
36. How does regular grooming of finger nails control diarrheal diseases?  
\_\_\_\_\_
37. State a reason why plants don't make food at night  
\_\_\_\_\_
38. Give any **one** natural process that reduces oxygen in the atmosphere.  
\_\_\_\_\_
39. Name the type of soil used to make glasses  
\_\_\_\_\_
40. Why is a goat referred to as a living thing?  
\_\_\_\_\_

### SECTION B:

41. (a) Give any **two** types of records kept on a farm.

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

(b) State any **two** importance of farm records.

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

42. (a) Name the type of clouds which is highest in the sky.

\_\_\_\_\_

(b) Give any **two** importance of clouds in the environment.

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

(c) Apart from cloudy weather, give other **one** type of weather.

\_\_\_\_\_

43. The table below shows animals in list A and their movement in list B. Match correctly.

List A	List B
Snake	charging
Fish	flying
Goat	slithering
Bee	swimming

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

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

(iii) Goat \_\_\_\_\_

(iv) Bee \_\_\_\_\_

44. (a) Name any **one** method of storing sound

\_\_\_\_\_

(b) How does a guitar produce sound?

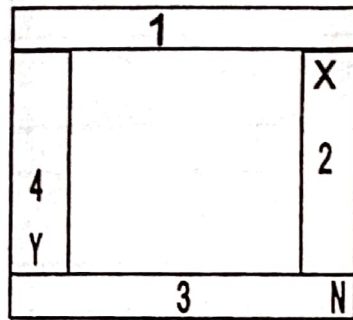
\_\_\_\_\_

(c) State any **two** devices used to reproduce sound stored by recording.

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



45. Use the diagram of magnets below to answer the questions that follow.



(a) Name the pole marked with X on magnet 2

(b) State what would happen if pole X on magnet 2 is put near pole Y on magnet 4.

(c) What property of magnets is shown by the behavior of magnets in the diagram?

(d) Give any **one** way of making the above magnets lose magnetism.

46. (a) State any **two** ways of harvesting rain water.

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

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

(b) Mention any **two** uses of rain water.

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

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

47. (a) Give any **one** viral cattle disease.

(b) State any **one** way diseases spread among cattle.

(c) State any **two** ways of controlling cattle diseases.

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

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

48. (a) Give any **two** deficiency diseases in infants.

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

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

(b) State any **one** importance of each of the following classes of food.

(i) **Proteins** \_\_\_\_\_

(ii) **Carbohydrates** \_\_\_\_\_

49. (a) Mention any **two** examples of wood fuel.

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

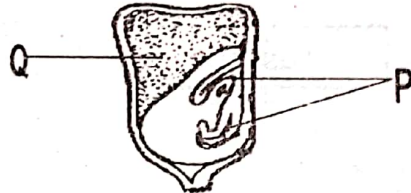
(ii) \_\_\_\_\_

(b) State any **two** ways of conserving wood fuel.

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

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

50. The diagram below is of a maize grain. Use it to answer the questions that follow.



(a) Name the part marked with letter P.

P \_\_\_\_\_

(b) State the function of part marked Q.

\_\_\_\_\_

(c) Why is the above grain said to be a fruit?

\_\_\_\_\_

(d) What type of germination does the above belong?

\_\_\_\_\_

51. (a) State any **two** artificial methods of vegetative propagation

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

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

(b) Mention any **two** advantages of vegetative propagation.

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

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

52. (a) State any two conditions needed for rusting to take place

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

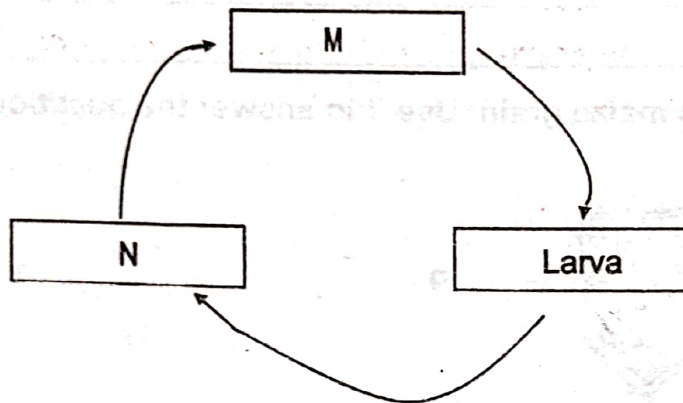
(ii) \_\_\_\_\_

(b) Give any **two** ways of preventing rusting.

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

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

53. The illustration below shows a life cycle of an insect. Use it to answer the questions that follow.



(a) Name the insect which undergoes the above life cycle.

(b) Identify the stage marked with letter N.

(c) What does stage marked with letter M feed on?

(d) How is the above insect dangerous to human health?

54. (a) Mention any **two** crops that must be alternated in crop rotation.

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

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

(b) Give any **two** advantages of crop rotation.

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

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

55. (a) State any **two** living components of environment.

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

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

(b) Give any **one** energy source got from water.

(c) Outline any one way of conserving non renewable resources.

**THE END**

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SCIENCE