



**HILLSIDE PRIMARY SCHOOL-NAALYA**  
**PRE-REGISTRATION EXAMINATION FOR PRIMARY SEVEN**  
**2023**

**INTEGRATED SCIENCE (SET FIVE)**  
*Time Allowed: 2 Hours 15 Minutes*

**Candidate's Name**.....

**Candidate's Signature**.....

**Stream** .....**DATE**.....

**District Name**.....

**Read the following instructions carefully**

1. The paper has **two** sections: **A** and **B**.  
Section A has 40 questions and Section B has 15 questions
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 fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. Unnecessary changes in work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: **"For Examiners' Use Only"** and those inside the paper.

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

## SECTION A:

1. Name one example of a waterborne disease.  
.....
2. Mention one way of promoting proper sanitation in a school.  
.....  
.....
3. What causes moulting in insects?  
.....
4. Mention any one type of leaf venation.  
.....
5. Why should a cattle farmer have a strip cup on his farm?  
.....  
.....
6. State any one type of weather that helps in drying of clothes after washing them.  
.....
7. Which organ of the body is used for sight?  
.....
8. State any one way of controlling soil erosion in hilly areas like Kabale.  
.....
9. Point out one type of skeleton.  
.....

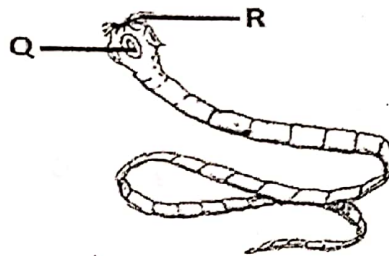
10. State one use of a gas which occupies 21% of air in the atmosphere.

.....  
.....

11. Identify any one way Ezra who is a mushroom grower benefits from this practice.

.....

The diagram below is of a tapeworm. Use it to answer question 12 and 13.



12. Name the part marked **R**

.....

13. State the function of part marked **Q**

.....  
.....

14. Which set of teeth does a baby develop first?

.....

15. What is the importance of a queen excluder in a top bar hive?

.....

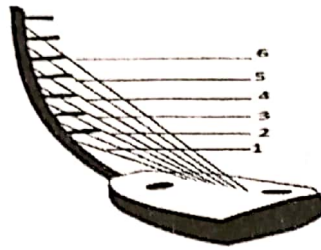
16. Name the type of mosquito that spreads elephantiasis.  
.....
17. How is the function of a hygrometer different from that of a barometer?  
.....  
.....
18. Give one example of a spore bearing plant.  
.....
19. Why is the trachea made of rings of cartilage?  
.....  
.....
20. Mention one example of an energy resource in the environment.  
.....
21. What is a skeleton?  
.....  
.....
22. What does the second 'F' as used in the 4Fs stand for?  
.....

*The diagram below shows a garden tool. Use it to answer the questions 23 and 24.*



23. Name the garden tool shown above.  
.....
24. State the use of the garden tool above.  
.....  
.....
25. State any one role of children at home.  
.....  
.....
26. Give one example of a root tuber.  
.....
27. Give any one example of a vaccine which is administered to a baby at birth.  
.....
28. How do most fungi reproduce?  
.....  
.....
29. Mention any one process through which soil is formed.  
.....

**The diagram below shows a musical instrument. Use it to answer the questions 30 and 31.**



30. To which group of musical instruments does the one shown in the diagram above belong?

.....

31. Which string will produce the lowest pitch of sound?

.....

32. How are humming birds adapted their way of feeding?

.....

.....

33. Where does respiration take place in the body of a human being?

.....

34. Mr. Opolot was given a contract to supply eggs to Hillside Nursery and Primary schools Naalya. Which type of chicken does he have on his farm?

.....

35. Why is the trachea made of rings of cartilage?

.....



36. Point out any one reason farmers castrate male animals on their farm.

.....  
.....

37. Calculate the density of an object which has a mass of 80g and volume of 40cc

.....

38. Give any example of a chemical change in the environment.

.....

39. Why do road constructors use stones when constructing roads?

.....  
.....

40. State any one reason people eat.

.....  
.....

## SECTION B

41(a) What is meant by the term photosynthesis?

.....  
.....

(b) Write down two raw materials used by plants during photosynthesis.

(i).....

(ii).....

(c) How do animals benefit from the process of photosynthesis?

.....  
.....

42 . (a) Write down the two methods used in making of alcohol.

(i).....

(ii).....

(b) In which of the methods mentioned above is yeast used?

.....

(c) State any one importance of alcohol in the society.

.....  
.....

43.(a) By what process does food move along the alimentary canal?

.....



(b)Mention two examples of disorders of the digestive system.

(i).....

(ii).....

(c)How is the function of pepsin different from that of salivary amylase?

.....

.....

44(a)Give any two agents of seed dispersal?

(i).....

(ii).....

(b) Name any one seed which is dispersed by wind.

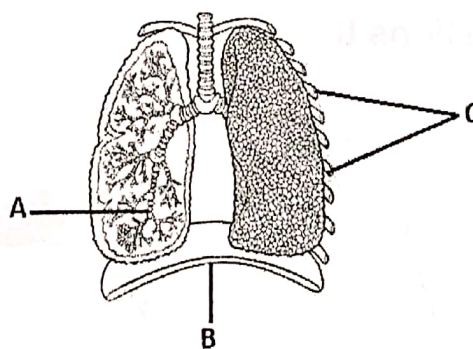
.....

(c) State one characteristic of seeds dispersed by animals.

.....

.....

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



(a) Name the part marked **A** and **B**

(i) **A**.....

(ii) **B**.....

(b) What happens to part marked **C** during exhalation?

.....  
.....

(c) Mention any one way of keeping the above system in proper working conditions.

.....

46. a) Write down any two types of clouds.

(i).....

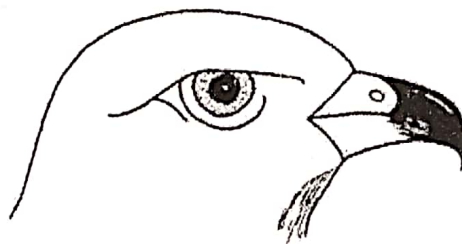
(ii).....

(b) State any two importance of clouds in the environment apart from bringing rain.

(i).....

(ii).....

47. The diagram below shows a beak of a bird. Use it to answer the questions that follow.



(a) Name two examples of birds with such a beak.

(i).....

(ii).....

(b) State one adaptation of such a beak to the mode of feeding.

.....

.....

(c) How are scavenger birds important in the environment?

.....

.....

48.(a) Give two types of germination.

(i).....

(ii).....

(b) Identify any one importance of water during seed germination.

.....

.....

(c) How is the micropyle important to a seed?

.....

.....

49.(a) State any two properties of matter.

(i).....

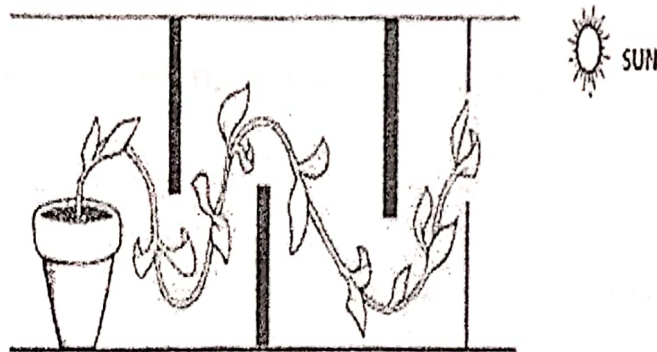
(ii).....

(b) In which state of matter does heat travel;

(i) Fastest.....

(ii) Slowest.....

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



(a) Name the plant response shown above.

.....

(b) How is the above response important to plants?

.....

.....

(c) Give two other plant responses towards stimuli apart from the one shown above.

(i).....

(ii).....

51.(a) Identify two uses of water at home.

(i).....

(ii).....

(b) Suggest any two ways water gets contaminated.

(i).....

(ii).....

52. Give the way each of the following is propagated.

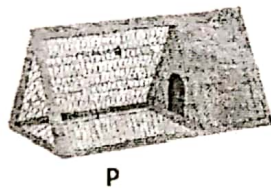
(i) Cassava.....

(ii) Sisal.....

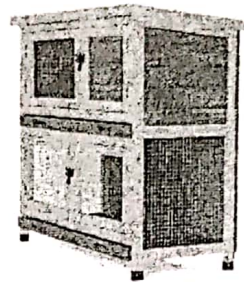
(iii) Ginger.....

(iv) Beans.....

53. The diagram below shows rabbit hutches. Use it to answer the questions that follow.



P



Q

(a) Name the type of hutch marked P and Q

(i).....

(ii).....

(b) What name is given to manufactured feeds for rabbits?

.....

(c) Mention any one disease that affects rabbits.

.....

54(a) What is **PHC**?

.....  
.....

(b) State any two principles of **PHC**

(i).....

(ii).....

(c) How can an individual participate in promoting **PHC**?

.....  
.....

55 a) In one sentence give the meaning of the following terms:

(i)Accident

.....  
.....

(ii)First aid

.....  
.....

(b)Point out any two reasons why a casualty should be given first aid.

(i).....

(ii).....

**GOOD LUCK**