



HILLSIDE PRIMARY SCHOOL-NAALYA
MID-TERM ONE EXAMINATION FOR PRIMARY SEVEN

2023

INTEGRATED SCIENCE (SET ONE)

Time Allowed: 2 Hours 15 Minutes

Index No.

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Candidate's Name.....Stream.....

Candidate's Signature.....

EMIS No.....

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 (40 MARKS)

1. Mention any **one** state of matter.

.....

2. Identify the type of weather suitable for winnowing grains.

.....

3. How are ferns different from conifers in terms of reproduction?

.....

.....

4. Name the longest bone in the human body.

.....

5. Identify the body organ that enables us to listen to music.

.....

The diagram below is of a frog.



6. State the main reason why the above animal is able to live on both land and water successfully.

.....

.....

7. Why is tepid sponging important to a person with fever?

.....

.....

8. Name the immunisable disease controlled by HepB Vaccine.

.....

9. State any **one** importance of poultry farming as a business.

.....

.....

10. Mention **one** harmful habit that puts the lungs in great danger.

.....

11. Give **one** difference between a VIP latrine and an ordinary pit latrine.

.....

.....

12. In the space below, draw and name the garden tool used for transplanting.

13. During the children X-mas party, children blow air in balloon.

Which property of air was demonstrated?

.....

.....

14. Why does the government of Uganda supply free mosquito nets to their citizens?

.....

.....

15. Name any **one** invertebrate animal that uses a shell for protection.

.....

.....

16. Give a reason why cattle farmers prefer keeping crossbreeds to exotic?

.....

.....

17. Name **one** living organism that help in decomposition of organic matter in the environment.

.....

.....

18. Why are pregnant women referred to as vulnerable people?

.....

.....

19. Identify any **one** blood vessel in the human body that carries oxygenated blood.

.....

20. Name the reproduce cell shown below.



.....

21. Identify any **one** way used to control rats in our homes.

.....

.....

22. Why is it important for all children to learn swimming skills?

.....
.....

23. Change 10°C to $^{\circ}\text{F}$.

.....
24. How would you tell by merely looking at a child that she/he is dehydrated?

.....
.....

25. Apart from mushroom, give **one** other example of a fungi.

.....

26. What type of change is rusting?

.....

27. Write down **one** PIASCY message found in the school compound that helps to control the spread of HIV/AIDS.

.....
.....

28. What is the importance of the synovial fluid at a joint?

.....

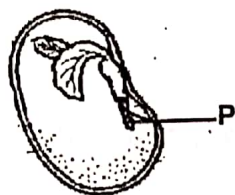
29. Why are stones not considered as living things?

.....
.....

30. Mention **one** cause of soil erosion.

.....
31. State any **one** common characteristic in both amphibians and fish.

.....
32. The diagram below shows a bean seed. Name part marked P.



.....
33. State **one** reason why carbon dioxide is used in the preservation of bottled drinks.

.....
34. Write any **one** danger of poor body posture.

.....
35. What can happen to a person when oxygen supply to the brain reduces?

.....
36. When paraffin is mixed with water in a container, it settles on top of the water. Why does this happen?

37. What type of family is composed of parents, sons, daughters and grandparents?

38. How is soaking clothes an important step in washing clothes?

39. Why is breast feeding encouraged in babies below 6 months?

40. Below is a musical instrument. How does it produce sound?



SECTION B (60 MARKS)

41. a) State **two** characteristics of insects.

(i)

(ii)

b) Give **one** example of each of the following insects. i) Wingless insect

ii) Social insect

42. a) What are energy resources?

.....

.....

b) Give any **two** examples of renewable energy resources.

(i)

(ii)

c) How does man use water as an energy resource?

.....

.....

43. a) Name **one** practice that we can do to keep our bodies clean and healthy.

.....

.....

b) Mention any **two** materials that can be used in carrying out the practice you have named in (a) above.

(i)

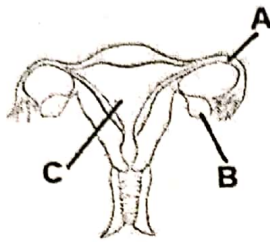
(ii)

c) Give **one** reason why we should keep our bodies clean.

.....

.....

44. The diagram below shows a female reproductive organ.
Use it to answer questions that follow.



- a) Name the parts labelled B.
.....
- b) What process takes place in part A and C?
i) A.....
ii) C.....
- c) Write **one** way you can care for the organ above.
.....
45. a) What term refers to essential health care where individuals, families and communities come together to solve their health problems?
.....
.....
- b) Mention any **two** activities that can be done by a family to promote health in a home.
(i)
(ii).....
- c) Give **one** way in which a health parade is an important programme in the school.
.....

46. a) Name one method used in milk preservation.

.....

b) Mention any **two** products got form milk.

(i)

(ii).....

c) Apart from a cow, give **one** other animal that gives milk.

.....

47. a) Why are snakes called vertebrates?

.....

.....

b) Name the class of vertebrate where snakes belong.

.....

c) How is reproduction of frogs similar to that of fish?

.....

.....

d) State **one** way frogs benefit from water.

.....

.....

48. a) What is soil profile?

.....

.....

b) State any **one** layer of the soil.

.....

c) What layer of soil profile is commonly carried away by
agents of soil erosion?

.....

d) Mention **one** process that help in soil formation.

49. Match the crops to their means of propagation.

Crops	Propagation
Cassava	Seeds
Irish potatoes	Suckers
Carrots	Stem tubers
Pineapples	Stem cutting

- i) Cassava
- ii) Irish potatoes
- iii) Carrots
- iv) Pineapple

50. a) Write **STDs** in full.

b) Identify the STD that causes;

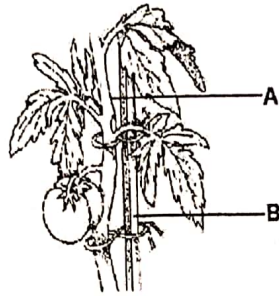
i) blindness in babies

ii) madness (insanity)

c) How can a P.6 pupil prevent acquiring STDs?

.....
.....

51. The diagram below shows a staked plant. Use it to answer questions that follow.



a) Name the method of staking shown above.

.....

b) State the function of material labelled with letter B.

.....
.....

c) How is staking important to plant marked with letter A?

.....

d) State **one** material used in staking plant labelled with letter A?

.....

52. a) Define the following terms as used in sound;

(i) Pitch:

.....

(ii) Frequency

.....

.....

b) Identify **one** device used to store sound.

.....
c) In what way can echoes be reduced in cinema halls?
.....

53. a) Give the use of a clinical thermometer to a health worker.
.....

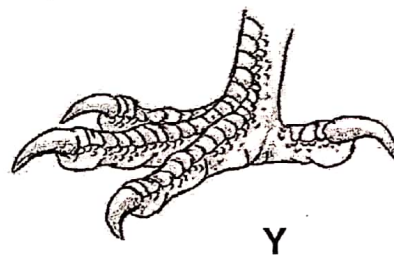
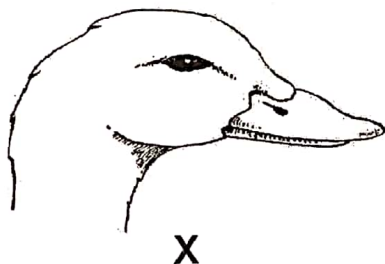
b) Name the liquid commonly used in clinical thermometers.
.....
.....

c) Give a reason why there is a constriction (kink) in the capillary tube of a clinical thermometer.
.....
.....

d) Write any **one** way health workers sterilize clinical thermometer.
.....
.....

54. The diagrams below show parts of different birds.

Use them to answer questions that follow.



a) Name any one bird with the foot marked with letter Y.
.....

b) Name **one** common habitat for bird X.

.....

c) How is the bird marked with letter X adapted to swimming?

.....

.....

d) How are the claws of bird Y adapted to their function?

.....

55. Below is a list of activities carried out by people in the environment. Use the list to answer questions that follows.

- Deforestation

- Draining swamps

- Crop rotation

- Afforestation

a) Which activity is likely to increase the amount of rainfall?

.....

.....

b) Which activity is likely to decrease the amount of rainfall?

.....

c) Which activity is good in controlling pests?

.....

d) Which activity is likely to cause floods in the environment?

.....

END