



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

2023

INTEGRATED SCIENCE (SET TWO)

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 any **one** example of a fruit vegetable.

.....

.....

2. Write down **one** activity carried out to promote cleanliness in our school.

.....

.....

3. Why do farmers carry out hoof trimming on the farm?

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.....

The diagram below shows a type of organism. Use it to answer the question that follows.



4. How does it move from one place to another?

.....

.....

5. What is the best local way of making water safe for drinking?

.....

.....

6. Mention **one** permanent artificial method of family planning in men.

.....

.....

7. Mention any **one** enzyme found in the ileum.
-
-
8. Why are pregnant women regarded as vulnerable people?
-
-
9. Name the type of cattle kept for milk production.
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-
10. Name the component of air that is used by plants to make starch.
-
-
11. How do tadpoles breathe?
-
-
12. Mention any **one** characteristic of a physical change.
-
-
13. Besides hearing, give any other function of the ear to a human being.
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-
14. Which mineral is responsible for strengthening bones and teeth in human beings?
-
-

15. Mention one common way AIDS spreads from one person to the other.

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.....

16. Why are valves important to the circulatory system?

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.....

The diagram below shows a clinical thermometer. Use it to answer the questions 17 and 18.



17. Name any **one** part of the human body where the above instrument can be put in order to measure the body temperature.

.....
.....

18. State any **one** adaptation of the above instrument to its function.

.....
.....

19. Identify any **one** factor that decreases the rate of transpiration.

.....
.....

20. Name the type energy possessed by a book placed on the table.

.....
.....

21. Identify **one** example of a flying mammal

.....

22. Mention **one** way of controlling soil erosion in the school compound.

.....
In the space below, draw the tool used to collect the cut grass.

23. Give **one** condition that favours combustion of objects.

24. Why do some objects float on water?

25. Mention **one** reason we should keep our finger nails short?

26. What is cross pollination?

27. Give **one** way a child can get immunity without immunization?

28. How does alcoholism affect the family?

29. Give **one** way how soil is formed

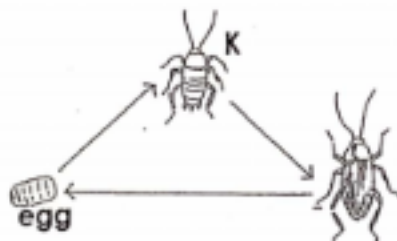
The diagram below shows a bee hive. Use it to answer the question that follows.



30. How is part X important in a bee hive?

.....

31. What type of life cycle is shown above?



32. How does a chameleon protect itself from enemies?

.....

33. Mention **one** component of soil that helps in seed germination.

.....

34. How can farmers eliminate internal parasites in a livestock?

.....

35. Name the force of attraction between molecules in solid state.

.....

36. What is osmosis?

.....
.....

37. How does bush burning affect the environment?

.....
.....

38. Identify the state of matter in which heat travels fastest.

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.....

39. State **one** importance of earth worms to the soil.

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.....

40. Why is soap used for washing clothes?

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.....

SECTION B

41. (a) What scientific term is used to mean the disconnection of testes from the sperm ducts in livestock?

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.....

42. (b) Write down any **two** tools used for castration.

(i)

(ii)

(c) Give any **one** importance of castration.

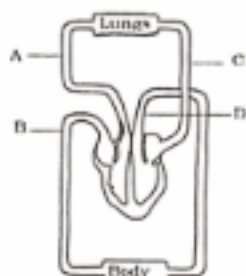
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43. The diagram below shows a certain mammal. Use it to answer the questions that follow.



- (a) Why is the above organism regarded as a mammal?
.....
.....
- (b) How does the above mammal move from one place to another?
.....
.....
- (c) Mention **two** examples of mammals in the same group as the one shown above.
i.
ii.
44. (a) Give any **two** examples of seeds dispersed by water.
(i)
(ii)
- (b) State any **one** advantage of seed and fruit dispersal
.....
.....
- (c) How can seed and fruit dispersal be of a disadvantage?
.....
.....

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



(a) Name the blood vessel marked:

B.....

D.....

- (b) How is the blood carried by **A** different from that carried by **C**?

(i).....

(ii).....

- (c) Mention any **one** disease that affects the system shown above.

.....

46. To which group of invertebrates do the following organisms belong?

(i) Cuttlefish.....

(ii) Cray fish.....

(iii) Star fish.....

iv) Jelly fish.....

47. (a) What is meant by the term a doe?

.....

.....

- (b) Besides meat, name any other **two** products we got from rabbits.

i).....

ii).....

(c) State the role of a wire mesh on a hutch.

48. a) How does sound travel from one place to another?

b) Give any **one** example of a natural source of sound.

c) Mention any **one** importance of sound.

d) Why are we able to see a flash of lightning before hearing the sound of thunder?

49. (a) Identify **two** ways how some animals depend on other animals.

(i).....

(ii).....

(b) Mention **two** ways how some plants benefit from other plants.

(i).....

(ii).....

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



- a) Name part marked **R**.

- (b) How important is part **R** to a plant?

- c) State any two other methods plants use to climb others.

i)

ii)

51. What is meant by prolapse as used in poultry?

- (b) Give any **two** examples of dual purpose breeds of poultry.

(i)

(ii)

- (c) How does debeaking help to control some poultry vices?

52. (a) Write **STD** in full.

(b) Identify two common **STD's**.

(i).....

(ii).....

c) Mention the best way of avoiding **STDs** in school going children.

.....

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53. (a) In **one** sentence, give the meaning of the following terms:

i) Immiscible liquids

.....

.....

ii) Saturated solution

.....

.....

(b) State any **one** method of separating mixtures below:

(i) Substances with different densities

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(ii) Substances with different boiling points

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54(a) Why do some people smoke tobacco?

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(b) Mention one danger of smoking to an individual.

.....

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- (c) State any **one** economic importance of tobacco to a country like Uganda.

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- (d) Identify **one** disease that may be worsened through smoking.

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55. Match the following diseases with their causes.

A

B

Typhus fever

Bacteria Yersinia pestis

Elephantiasis

Bacteria chlamydia

Bubonic plague

Filarial worm

Trachoma

Bacteria rickettsia

Plasmodia germs

(a) Typhus fever.....

(b) Elephantiasis.....

(c) Bubonic plague.....

(d) Trachoma.....

GOOD LUCK