

SIR APOLLO KAGGWA SCHOOLS-SINCE 1996

PLE PREP VII TERM 3 2025

PRIMARY SEVEN

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index No.

EMIS No.					Personal No.			

Candidate's Name:

Candidate's Signature:

District Name:

School Name:

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**
2. Section **A** has 40 questions (40 marks)
3. Section **B** has 15 questions (60 marks)
Answer **ALL** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
5. Unnecessary crossing of work may lead to loss of marks.
6. Any handwriting that cannot be easily read may lead to loss of marks.
7. Do **not** fill anything in the boxes indicated;
For Examiner's use only.

FOR EXAMINER'S USE ONLY

QTN NO.	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

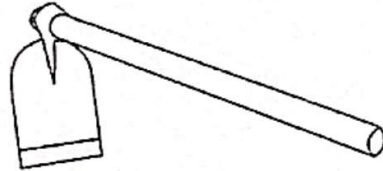
Turn over

SECTION A: 40Marks

*Questions 1 to 40 carry **one** mark each.*

1. Define the term matter.
.....
.....
2. Mention **one** reason why organic matter should first decompose before applying it as manure.
.....
3. Identify any **one** danger of clouds in the environment.
.....
4. State **one** function of the urinary bladder in the human body.
.....
5. Mention any **one** situation in life where you need skills of measuring length.
.....
6. Identify the state of matter that has no definite shape but a fixed volume.
.....

Below is the diagram of a garden tool



7. Identify any **one** practice of proper use of the garden tool above.
.....
8. Identify any **one** practice after harvesting to add value to tuber crops.
.....
9. Define a clinical thermometer.
.....
.....
10. Mention **one** way in which a flea is a suitable vector for diseases in humans.
.....

11. Identify any **one** practice in administering first aid to a victim of near drowning.
.....
12. Identify any **one** part to focus on when brushing your teeth.
.....
13. Mention any **one** practices to protect oneself from food poisoning in a school or at home.
.....
14. State any **one** reason why seeds planted in a swampy area will not germinate.
.....
15. Mention **one** way to control athletes' foot in humans.
.....
16. State the importance of proper aeration in the construction of a rabbit hutch.
.....
17. State **one** reason why the horns of goats are removed.
.....
18. Mention any **one** challenge of tethering an animal using a short rope
.....
19. Explain the term renewable resource.
.....
.....
20. Mention any **one** way of conserving water in a home.
.....
21. Mention any **one** practice in managing a rubbish pit.
.....
22. Mention any **one** way in which a tapeworm enters into the human body.
.....
23. Mention any **one** element of Primary Health Care.
.....
24. Identify any activity that can result into fainting among school children.
.....

25. State **one** reason why girls should use the front to back wipe when cleaning the anus with toilet paper after using the toilet or latrine.

.....
.....

26. State **one** importance of the epiglottis in the human body.

.....

27. Mention **one** way in which capillaries are suited for their function of exchange of materials.

.....

28. State **one** reason why persons suffering from gonorrhea are easily infected with HIV.

.....

.....

29. Define the term skeleton as applied to humans.

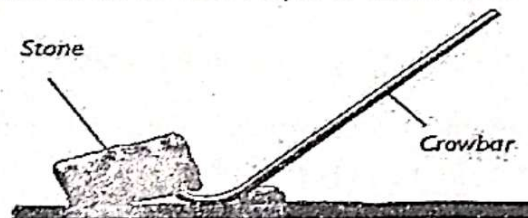
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.....

30. Identify the type of change that flowering is.

.....

31. Below is a simple machine used to lift heavy loads. With letter E, show the point of application of force that requires least force



32. Identify any **one** danger of perching birds to man.

.....

33. Mention any **one** material used to make bee hives

.....

34. Mention any **one** traditional practice to control diseases in a crop farm.

.....

35. State the importance of filtering in the preparation of safe water.

.....

36. State the importance of soil water.

.....

37. Mention any **one** way in which termites improve soil fertility.

.....

38. Explain the term lopping in tree management.

.....

.....

39. Mention any **one** health challenge faced by a person who does not bathe regularly.

.....

40. Identify any **one** way in which food at the shop or school canteen can get contaminated.

.....

SECTION B

41. Below are root systems in two plants. Study and use them to answer questions.



a) Identify the type of roots labelled in X.

.....

b) Name the type of root systems in plants X and Y.

(i) X

(ii) Y

c) Identify the group of flowering plants to which **Y** belongs.

.....

42. a) Mention any **one** advantage of the fold or pen system of poultry rearing over the battery system.

.....

.....

b) Identify any **two** care practices for birds in the pen system of poultry keeping.

(i)

(ii)

c) Mention any **one** challenge faced by a farmer using the pen system of poultry keeping.

.....

43. a) Mention **two** ways in which mining reduces the quality of the soil.

(i)

(ii)

b) Suggest **two** activities that management can carry out to conserve the soil near mines.

(i)

(ii)

44. The table below is of types of teeth, the characteristic and the function of the tooth. Complete the table.

Type	Feature	Role
.....	One root wide surface	Crushing food
Canine		Tearing food
.....	Three roots, wide surface	Grinding food
Incisor	One root, chisel shaped	

45. a) Define the following terms in relation to light.

i. Dispersion

.....
.....

ii. Reflection

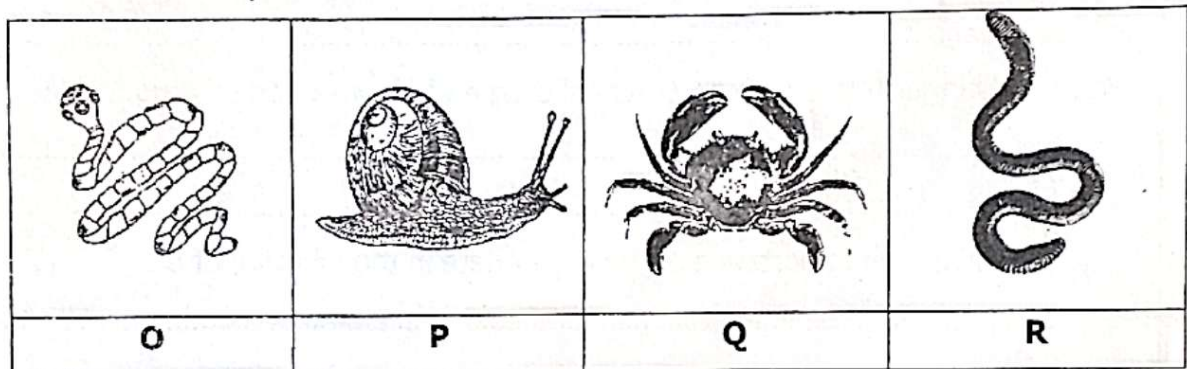
.....
.....

b) Identify any **two** uses of plane mirrors in daily life.

(i)

(ii)

46. Below are animals that belong to different groups of invertebrates. Use them to answer question 46.



a) Identify the group of invertebrates to which **O** and **Q** belong;

(i) **O**

(ii) **Q**

b) Apart from being vectors to diseases, mention **one** other danger of animal P to man.

.....

c) Mention **one** activity to care for animal R in the environment.

.....

47. a) Mention any **two** reasons for sorting clothes before washing them.

(i)

(ii)

b) Explain the reason why underwear should be spread under the sun to dry.

(2 Marks)

.....

.....

.....

48. a) Define the term agroforestry.

.....

.....

b) Mention any **two** benefits of agroforestry to a farmer.

(i)

(ii)

c) Identify any **one** reason why a farmer may choose not to practice agroforestry.

.....

49. a) Distinguish between an essential drug and a non-essential drug.

.....

.....

b) Explain the importance of the expiry date in the labelling of drugs. (2 marks)

.....

.....

.....

50. a) Mention any **two** ways in which the heart is suited to its function of pumping blood.

(i)

(ii)

b) Apart from physical exercise, mention **one** other way of caring for the health of the heart.

.....

c) State any **one** way in which physical exercise improves the health of the heart.

.....

51. The table below is of types of generators and the source of their kinetic energy. Match them.

Types of generator

Nuclear power generator
Hydroelectric power generator
Geothermal power generator
Thermal power generator

Source of kinetic energy

Burning of fossil fuels.
Reactions inside the nuclei atoms.
Energy from flowing water.
Heat from inside the earth.
Energy from the sun.

- (i) Nuclear power generator
- (ii) Hydroelectric power generator
- (iii) Geothermal power generator
- (iv) Thermal power generator

52. Below is a table of methods of food preservation and the reasons. Complete the table.

Method	Process
.....	Large amount of salt is applied to the food
Refrigeration	
.....	The food is boiled and sealed immediately
Smoking	

53. a) Mention any **one**;

- i. Primary sex characteristics in boys

.....

- ii. Secondary sex characteristic in girls

.....

b) Explain **two** ways in which the senior woman teachers can help girls during their periods at school.

(i)

.....

(ii)

.....

54. a) State the function of each of the following in the human skin.

i. Erector pili muscles

.....

.....

ii. Sebaceous glands

.....

.....

b) Apart from temperature regulation, mention any **two** other functions of the human skin.

(i)

(ii)

55. a) Name **one** vaccine against the following diseases used in Uganda

i. Diphtheria

ii. Malaria

b) Mention any **two** roles you can play in promoting immunization in your community.

(i)

(ii)

THE END