

SIR APOLLO KAGGWA SCHOOLS SINCE 1996

PLE PREP TEST I TERM 1 2024

PRIMARY SEVEN

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

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)
4. Answer **ALL** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
5. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary crossing of work may lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated, For Examiner's use only.

FOR EXAMINER'S USE ONLY

Qn. 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 : 40 Marks

1. Name the instrument used by nurses to tell the temperature of patients.
.....
2. Give any **one**-way sand soil can be used to promote cleanliness at home.
.....
3. Name the part of the human body where the ribs are located.
.....
4. State any **one** way of conserving insects.
.....
5. State the way of making fire extinguishers in a school to be easily seen in
in case of a fire outbreak.
.....
6. Why are pupils encouraged to keep their finger nails short?
.....
.....
7. State the reason why babies have more bones than adults.
.....
.....
8. State any **one** way you can preserve meat locally at home.
.....
9. Why are mothers encouraged to feed their babies on breast milk?
.....
10. State any **one** way of reducing dust in your classroom.
.....
.....
11. Which form of energy is produced when wind blows through plant leaves?
.....
.....
12. State any **one** way in which sound is useful to goats.
.....

13. Explain how the biceps and triceps muscles behave when the hand is raised at an angle.

.....

.....

14. Name the plant process involved in rain formation.

.....

15. Name the blood vessel that carries blood away from the heart.

.....

The diagram below shows a prescribed drug to a sick child. Study and answer questions **16** and **17**.



16. How many millilitres of the above drug is the child supposed to take in 2 days?

.....

17. Which disease is the child suffering from?

.....

18. Give the importance of water during seed germination

.....

.....

19. Give any **one** use of bee wax to people.

.....

20. Name the component of air with 0.97%

.....

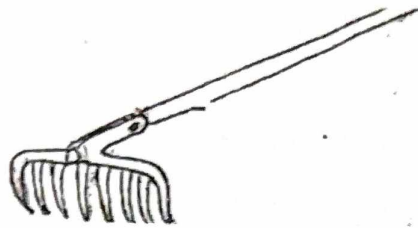
21. What advice would you give to a mother to strengthen the bones of her eight month old baby?

.....

22. Give any **one** immediate effect of cloud cover in your community.

.....

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



23. Identify the garden tool shown above.

.....

24. Give any **one** way you can repair the above tool.

.....

.....

25. In **one** sentence, define the term soil erosion?

.....

.....

26. How does a balanced diet help in improving the health of a sick person?

.....

.....

27. State the difference between a bean plant and a mushroom in their way of feeding.

.....

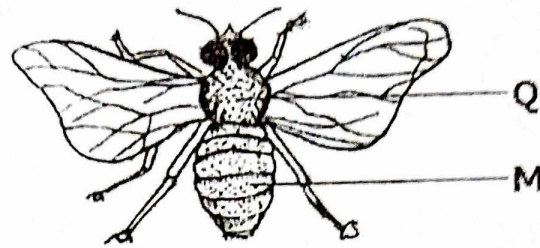
.....

28. Give the function of the human heart in the body.

.....

.....

The diagram below shows parts of an insect. Study it carefully and answer the questions.



29. Name the part marked **Q**.

.....

30. Why does the above insect die when part **M** is covered with oil?

.....

31. State the danger of acquiring immunity from an illness.

.....

32. Give the way heat travel through gases.

.....

33. Give any **one** way of keeping drinking water safe.

.....

.....

34. How do thick clothes keep us warm during cold weather?

.....

.....

35. Give any **one** modern way of preserving fish at home.

.....

36. How do poultry farmers keep their poultry houses dry?

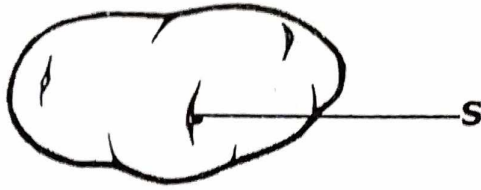
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37. State the way mulching increases humus in soil.

.....

.....

The diagram below shows a stem tuber. Study it and answer questions **38** and **39**.



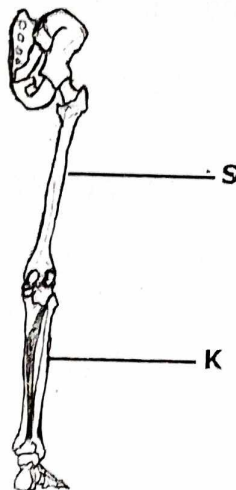
38. Identify structure marked **S**.

39. Which food value is obtained from eating the above tuber?

40. State any **one**-way evaporation process is useful to people.

SECTION B: 60 Marks.

41. The diagram below shows part of the human skeleton. Study and answer question **41**.



(a) Identify the bones marked **S** and **K**.

(i) **S**

(ii) **K**

(b) State any **two** functions carried out by the bones shown above.

(i)

(ii)

42. (a) Name the injury got through contact of your skin with burning charcoal.

.....
(b) State any **two** ways of preventing the above injury at home.

(i).....

(ii).....

(c) State the first aid for the above injury named in (a) above.

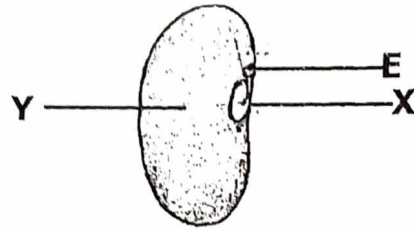
.....
.....

43. **Rearrange the following sentences to make correct order of steps involved in cleaning clothes.**

- Rinse the clothes and dry them before ironing.
- Put the selected clothes in basins with water and soap powder for some time.
- Select and put dirty clothes together according to their colour and level of dirt.
- Wash the clothes three times before rinsing them.

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

44. The diagram below shows a seed. Study and answer the questions that follow.



- (a) Identify the part marked **E**
-
- (b) State the role of part marked **X** and **Y**
- (i) **X**
- (ii) **Y**
- (c) Give **one** reason why some seeds fail to germinate when provided with all the necessary conditions.
-
45. (a) What is meant by child spacing as used in reproduction.
-
-
- (b) Give the use of child spacing to the following groups of people
- (i) Children
-
- (ii) Mothers
-
- (c) State **one** advantage of using artificial family planning methods.
-
46. (a) Besides herding, name **two** other methods used in grazing cattle.
- (i)
- (ii)
- (b) State any **two** disadvantages of using herding for grazing cattle.
- (i)
- (ii)

47. (a) Name any **two** fungal skin diseases in humans.

(i)

(ii)

(b) Give any **two** ways ringworms can be controlled in our communities.

(i)

(ii)

48. Match the causes to the deficiency diseases they lead to correctly.

Cause

Deficiency Disease

Less Iodine

Night blindness

Insufficient vitamin B₁

Goitre

Lack of vitamin C

Beriberi

Scarcity of vitamin A

rickets

Scurvy

(a) Less Iodine

(b) Insufficient vitamin B₁

(c) Lack of vitamin C

(d) Scarcity of vitamin A

49. (a) Besides scrubbing the floor, give other **two** activities done to promote cleanliness of a latrine.

(i)

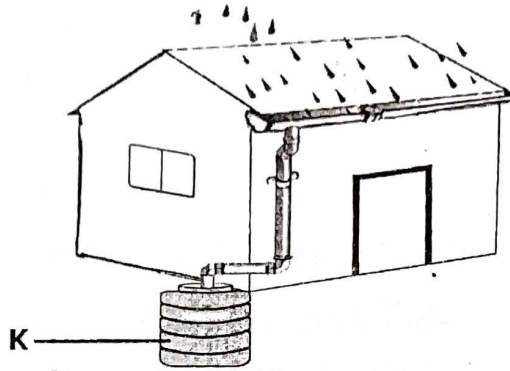
(ii)

(b) Name any **two** diseases that can breakout if latrines are not properly cleaned.

(i)

(ii)

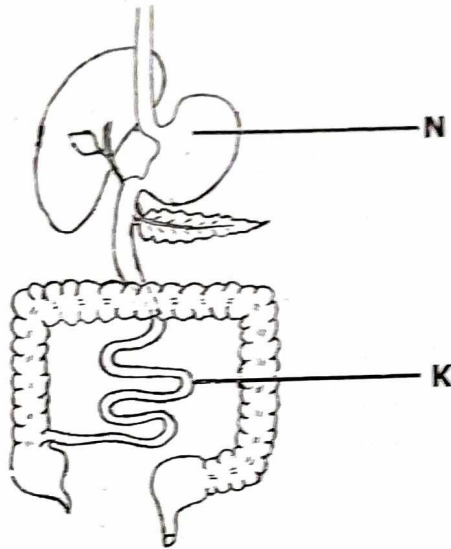
50. The diagram below shows a method of harvesting water. Study and answer questions 50.



- (a) Identify the container marked **K**.
.....
- (b) Name the source of water that enters container **K**.
.....
- (c) Give any **two** advantages of harvesting water at home.
(i)
(ii)
51. (a) State the reason for docking sheep.
.....
- (a) Name any **one** dairy breed of sheep.
.....
- (b) Give any **two** other sheep management practices.
(i)
(ii)
52. (a) What are insulators of heat?
.....
.....
- (b) Give any **two** insulator of heat.
(i)
(ii)

- (c) State any **one** use of insulators of heat in our daily life.

53. The diagram below shows part of a body system. Study and answer questions 53.



- (c) Identify the body system shown above.

- (b) Name the part marked **N**.

- (c) Give the function of part marked **K**.

- (d) How can you improve on the normal functioning of the above system?

54. (a) Besides the blind, name any **two** group of people with special needs.

(i)

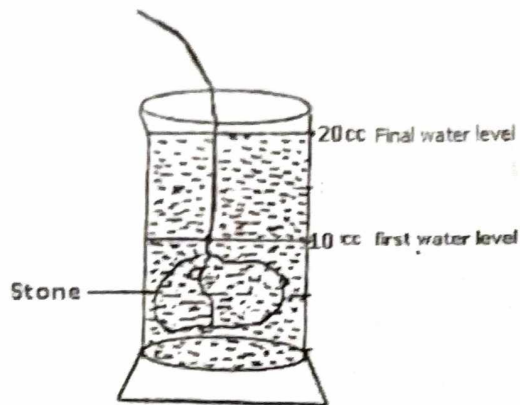
(ii)

(b) State any **two** ways of caring for the blind.

(i)

(ii)

55. The diagram below shows a method of finding volume of irregular objects. Study and use it to answer the following below.



- (a) Calculate the volume of the stone. **(2 marks)**
- (b) If the mass of the stone is 50 grammes, find the density of the stone.

THE END