

SIR APOLLO KAGGWA SCHOOLS-SINCE 1996

PLE PREP VI (INTERNAL MOCK) TERM 2 2024

PRIMARY SEVEN

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index No.	EMIS No.	Personal No.																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> </tr> </table>									<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> <td style="width: 10%; height: 20px;"></td> </tr> </table>								

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

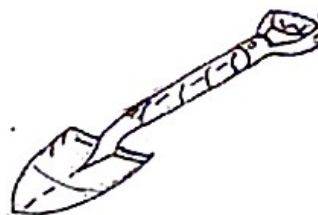
Qn. No	MARK	SIGN
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

Turn over

SECTION A : 40 Marks

1. Name a component of the environment where most plants fix their roots.
.....
2. Give any **one** liquid substance that floats on water.
.....
3. State the energy change in a bicycle dynamo when it is at work.
.....
4. How can noise produced in hinges when opening a metallic school gate be reduced?
.....
5. State any **one** way of getting immunity in children.
.....
6. Give the use of ash in an ECOSAN latrine.
.....
.....
7. State any **one** activity done to get clear water from a mixture of silt and water.
.....
8. Give **one** way of improving soil fertility without using artificial fertilizers.
.....
9. Name the form of energy involved in evaporation of water.
.....

The diagram below shows a garden tool. Use it to answer questions 10 and 11



10. Identify the garden tool shown above.
.....
11. Give any **one** use of the above tool to a farmer.
.....

12. How does controlled burning of rubbish reduce houseflies in a community?

.....
.....

13. What happens to the images formed in a pin-hole camera if the distance of the object is increased from the camera?

.....

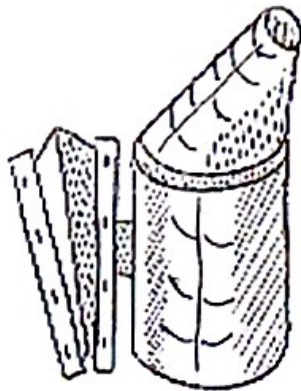
14. Why do farmers in villages prefer free range system of rearing poultry to deep litter system?

.....
.....

15. In which way is the trachea important in the respiratory system?

.....

The diagram below shows a tool used in harvesting honey. Study it and answer questions 16 and 17



16. Identify the tool shown above.

.....

17. How is the above tool useful to bee farmers?

.....
.....

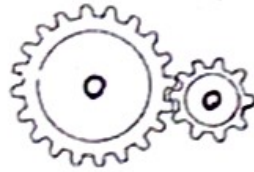
18. Why should boys and girls toilets be separated?

.....

19. Why should chicks be fed on diet containing small stones?

.....

The diagram below shows a simple machine. Study it and answer questions **20** and **21**.



20. Identify the group of simple machines shown above.
.....
21. Name any **one** device whose component is shown above.
.....
22. Why are plants referred to as primary sources of food in the environment?
.....
.....
23. Why is spitting in public places discouraged?
.....
.....
24. Which type of change is melting a candle wax?
.....
.....
25. Give any **one** action that a school can take to control soil erosion in the compound.
.....
.....
26. Why are tsetse-flies grouped under arthropods?
.....
27. Give any **one** way of caring for the urinary bladder.
.....
.....

28. In **one** sentence, define the term germ.

.....
.....

29. How do roundworms enter our bodies?

.....

30. Why are persons with dogs advised to vaccinate them regularly?

.....

31. How do farmers control egg eating among layers?

.....
.....

32. Give any **one** way in which biological changes are important to snakes.

.....
.....

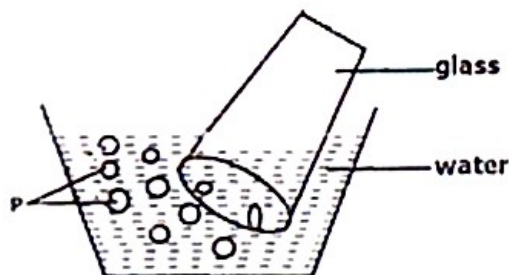
33. Why are minerals grouped under non-renewable resources?

.....

34. State any **one** proper way of storing essential drugs.

.....

The diagram below shows a property of air. Study it and answer questions **35** and **36**.



35. Identify the structure marked **P**.

.....

36. State the property of air shown above.

.....

37. Give any **one** way in which masks are important in the control of the spread of respiratory diseases.

.....
.....

38. State any **one** piece of advice you can give to a friend to prevent constipation.

.....

39. In the space below, draw a red blood cell.



40. State any **one** characteristic of seeds dispersed by animals.

.....
.....

SECTION B: 60 Marks.

41. (a) Give any **two** ways a school can inform and educate people about health.

(i)

(ii)

- (b) Which element of PHC involves;

(i) controls family size.

.....

(ii) prevents deficiency diseases.

.....

42. Study the weather chart below and use it to answer question 42.

Day	Morning			Afternoon		
	Rainy	Windy	Sunny	Rainy	Windy	Sunny
Monday			✓			✓
Tuesday	✓			✓		
Wednesday			✓		✓	
Thursday		✓		✓		

(a) Which kind of clothes should people wear on Monday?

.....

(b) Give a reason for your answer in (a) above.

.....

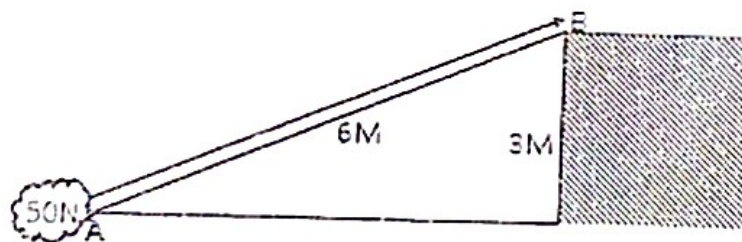
(c) Mention any **one** activity which can be done by crop farmers on Monday.

.....

(c) Give any **one** reason why farmers should not transplant seedlings on Wednesday morning.

.....

43. The diagram below shows a simple machine. Study it and answer question 43.



(a) In which group of simple machines is the above?

.....

- (b) What can you do to reduce the effort needed to raise the load from A to point B?

.....
.....

- (c) Calculate the mechanical advantage of the above machine. (2 marks)

44. (a) Define the term digestion.

.....
.....

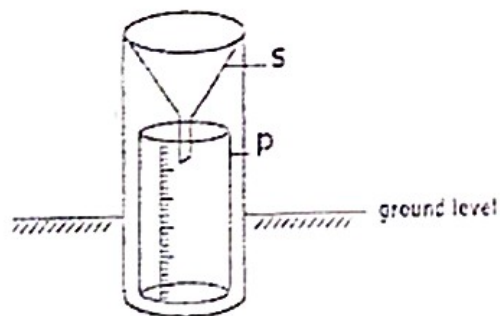
- (b) Why does digestion start in the mouth?

.....
.....

- (c) Explain **one** way how the ileum is adapted to its function. (2 marks)

.....
.....

45. The diagram below shows parts of a weather instrument. Study it and answer question 45.



- (a) Identify the weather instrument shown above.

.....

- (b) Name the part marked S.

.....

(c) Give the use of part **P**.

(d) Why is the above instrument placed in an open space?

46. (a) Name the tissue that joins a bone to a muscle at a joint.

(b) Mention the type of muscle whose actions depend on the will of the brain.

(c) How are muscles helpful to the human body?

(d) Why is it important to put cold compress on a strained muscle?

47. (a) Mention any **one** breed of sheep kept for wool production.

(b) Give any **two** products got from sheep.

(i)

(ii)

(c) Give the gestation period of a female sheep.

48. **A P.5 class was given a tin and put a hole in the tin lid using a nail. The nail was later heated to red hot. The learners used a plier to hold the nail and try to put it back into the hole in the tin lid. The learners wrote their observation. Later dropped the nail in cold water and put it into the hole again.**

(a) State the learners observation after ;

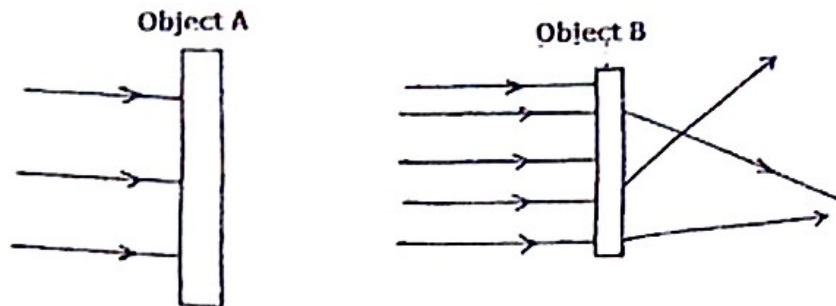
(i) Putting the hot nail into the hole.

(ii) After putting the nail in cold water and later into the hole.(2marks)

(b) What is the experiment about?

(c) Give the use of cold water in the experiment.

49. The diagram below shows the effects of light on different types of objects. Study them and answer questions 49.



(a) Name any **one** object used in **A** and **B**.

- (i) **A**.....
(ii) **B**.....

(b) State the effect of light on object **A**.

(c) Give any **one** use of objects in **B** in our daily life.

50. The diagram below shows a type of latrine used in communities. Study it and answer question 50.



(a) Identify the type of latrine shown above.

.....

(b) Why is the above latrine being discourage for use?

(i)

(ii)

(c) How can the above latrine be improved?

.....

.....

51. (a) What are wetlands?

.....

.....

(b) State any **two** ways wetlands are being destroyed in Uganda.

(i)

(ii)

(c) Give any **one** way of controlling the destruction of wetlands.

.....

52. (a) Besides alcohol and marijuana, give any **one** other drug of dependence common in Uganda.

.....

(b) Give any **two** effects of marijuana to people

(i)

(ii)

(c) State any **one** life skill you can use to safeguard you from drugs of dependence.

.....

53. (a) Apart from human body, what else can **one** keep clean in personal hygiene?

.....

(b) Besides soap, mention other **two** items used by people to promote personal hygiene

(i)

(ii)

(c) State any **one** danger to a person for failing to bathe regularly.

.....

54. (a) Besides market records, name any **one** other record kept in agro forestry.

.....

(b) Give the importance of market records on a woodlot farm.

(i)

(ii)

(c) State any **one** advantage of practicing agroforestry to farmers.

.....

55. **Re-arrange the following steps to show how you can save the life of a person drowning in deep well.**

- Start mouth to mouth breathing at once
- Lie the person down on his back
- Call for help
- Remove the person from water as quickly as possible

(i)

(ii)

(iii)

(iv)

THE END