



ST. LINO JUNIOR SCHOOL -NAKAWUKA
PRIMARY SIX MID TERM TWO EXAMINATIONS 2024
INTERGRATED SCIENCE

Time: 2 Hours 15 Minutes

Pupil's Name

School Name

District Name

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully.

1. This paper is made up of two Sections: A and B.
2. Answers to both sections must be written in the spaces provided in full sentences.
3. Section A has 40 questions (40 marks)
4. Section B has 15 questions (60 marks)
5. Attempt all questions. All answers to both sections A and B must be written in the spaces provided.
6. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will **NOT** be marked.
7. Crossing out of answers will lead to loss of marks.
8. Any handwriting that cannot be easily read may lead to loss of marks.

FOR EXAMINER'S USE ONLY

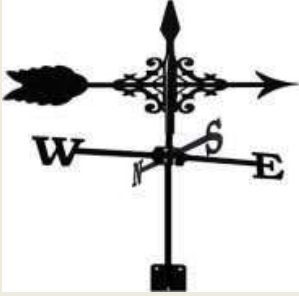
Section	Marks	Initials
Sec A		
Sec B		
Total		
Grade		

Teacher's Comment

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

SECTION A (40 MARKS)

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

1. Name the part of a seed that develops into a shoot system.
.....
2. Apart from ancona, give **one** other breed of chicken reared for egg production.
.....
3. Why is a bat regarded as a warm blooded animal?
.....
4. State **one** product obtained from bees wax
.....
5. Name the weather instrument in the diagram below.

.....
6. How is the weather instrument named in (qn5) above useful at the station?
.....
7. In which unit is weight measured?
.....
8. State **one** importance of cutting short long finger nails.
.....
9. Which immunisable disease can be spread through open cuts and wounds?
.....
10. State the cause for **riboflavin deficiency** in children.
.....

11. How are enzymes useful during digestion of food?

.....

12. Name any one mineral responsible for growth of strong teeth.

.....

13. What type of soil has the highest drainage rate?

.....

14. How is a rack useful in a home?

.....

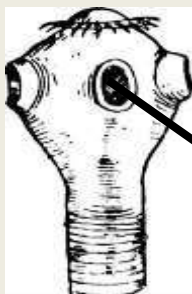
15. Give any one importance of echoes in the environment.

.....

16. By what process is dew formed at night?

.....

The diagram below is of a tape worm. Study and use it to answer question 16 and 17.



P

17. What does the above worm feed on?

.....

18. How is part P important to the above worm?

.....

19. How are irish potatoes propagated?

.....

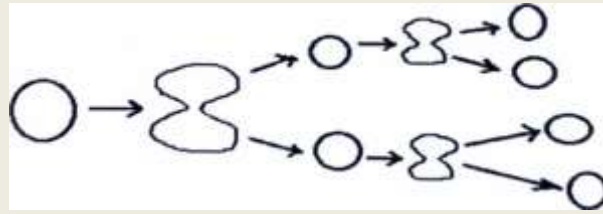
20. Which vector spreads yellow fever to people?

.....

21. State the importance of iodine solution during first aid administration.

.....

The diagram below shows reproduction of an organism. Study and use it to answers 22 and 23.



22. Name one organism that undergoes such reproduction.

.....

23. What means of reproduction is shown above?

.....

24. Why do birds have streamlined bodies?

.....

25. Identify any **one** biological change in animals.

.....

26. How does paddock grazing method control tick borne diseases on a livestock farm?

.....

27. State any one way in which a family should care for a pregnant mother.

.....

28. State any **one** activity that promotes good health at school.

.....

29. Mention any one viral poultry disease.

.....

30. Name the part of a bean plant that has similar function to gills of a tadpole.

.....

31. Give any one method used in extracting honey.

.....

32. How is the garden tool below useful in a farm?



.....

33. Give **one** example of a floating object.

.....

34. Why should crops be dried before storing them?

.....

35. Why should vaccines be stored in a refrigerator?

.....

36. Mention any one example of a scavenger bird.

.....

37. Name the digestive juice produced by the liver.

.....

38. Which **component** of air is used in preservation of soft drinks?

.....

39. How does the excessive use of pesticides affect the soil?

.....

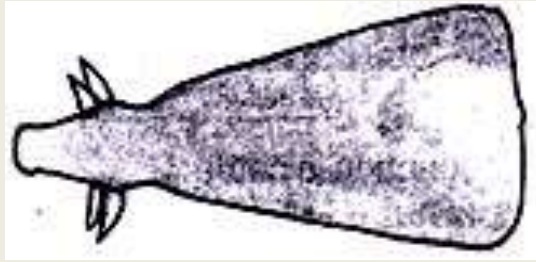
40. Give any **one** sign which shows that the baby is dehydrated.

.....

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each

41. The diagram below is of a shape of cattle. Use it to answer questions that follow.



- a) What type of cattle is shown above?

.....

- b) Name the chief product obtained from the type of cattle above.

.....

- c) Give two breeds of cattle that belong to the type in (qn.a) above.

(i)

(ii)

42. Match the Terms in A to their respective Importance in B correctly.

A

B

Mulching

maintains right number of plants in the garden

Pruning

keeps water in the soil

Weeding

reduces weight of the plant

Gap filling

reduces competition for nutrients.

Mulching.....

Pruning.....

Weeding.....

Gap feeling.....

43. (a) Why are poultry vices common in deep litter system?

.....

b) State **two** materials used as litter in poultry keeping

(i).....

(ii)

c) State **one** advantage of deep liter system of keeping poultry.

.....

44. a) Apart from animal seed dispersal, mention any one type of seed dispersal.

.....

b) Name two plants that are dispersed by animals in the environment.

(i)

(ii)

c) Give any one adaptation of seeds dispersed by animals in the environment.

.....

.....

45. Below is a musical instrument. Use it to answer questions that follow.



a) Which string will produce sound of the highest pitch?

.....

b) Give a reason to support your answer in (a) above

.....

c) Apart from bow harp, give **one** other string musical instrument

.....

d) How can P6 children play the above instrument to produce sound?

.....

46. (a) Which element of PHC helps in each of the following?

i) Child spacing.

.....

ii) Protecting water sources.

.....

(b) How is primary health care program important in a community?

.....

(c) State **one** principle of PHC.

.....

47. Complete the table about food below correctly.

Food values	Deficiency disease	Use
Proteins		Body growth
	Anaemia	Blood formation
Vitamin D		Keeps bones and strong
Carbohydrates	Marasmus	

48. (a) How are the following teeth adapted to their function

i) Canines.

.....

ii) Molars.

.....

(b) How are incisor teeth adapted to cutting food?

.....

(c) Apart from brushing teeth, state **one** way of caring for the teeth.

.....

49. (a) Write down **one** example of each of the following

i) Pouched mammal.

.....

ii) Carnivore.

.....

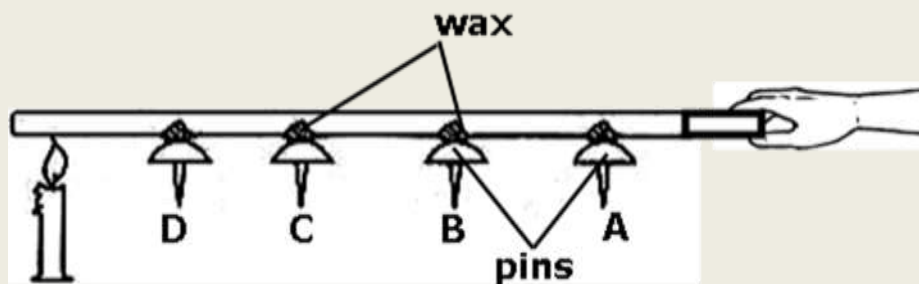
iii) Monotreme.

.....

(b) State any **one** common characteristic of mammals.

.....

50. Below is an experiment conducted by a P.5 class. Study and use it to answer questions that follow.



a) What is the above experiment about?

.....

b) Which of the pins A,B,C and D will fall off first and last?

(i) First.....

(ii) Last.....

c) Apart from the method of heat transfer in the experiment, mention one other method of heat transfer.

.....

51. (a) Name the body organ that pumps blood to all body parts.

.....

(b) State any two components of blood.

(i)

(ii)

(c) Give one importance of blood in the body.

.....

52. (a) How do bacteria reproduce?

.....

(b) State **two** ways bacteria are useful to people.

(i).....

(ii)

(c) Give **one** factor that favours the breeding of bacteria.

.....

53. (a) Name the two methods used in making alcohol.

(i).....

(ii)

(b) State any two dangers caused by alcohol to an individual.

(i)

(ii)

54. (a) Give any **two** ways of keeping the environment clean.

(i)

(ii)

(b) State **one** way how germs are spread in the environment.

.....

(c) What do we call the germs that cause diseases?

.....

55. (a) Why do farmers carry out docking in sheep rearing?

.....

(b) Which sheep product is used in textile industry?

.....

(c) Name **one** product obtained from goats

.....

(d) How can farmers improve on the product of goats and sheep on their farm?

.....

Good luck