

THE PEARL EDUCATIONAL CONSULT KAMPALA SCHOOLS

P.6 END OF TERM 1 EXAMINATION-2024

INTEGRATED SCIENCE

Time Allowed: 2Hrs 15 MIN

Name:.....

School:.....

District:.....**Stream:**.....

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**
Section **A** has 40 questions (40 marks)
Section **B** has 15 questions (60 marks)
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 ink. Diagrams should be drawn in pencil.
4. Unnecessary alteration of work may lead to loss of marks.
5. Any handwriting that cannot be easily read may lead to loss of marks.
6. 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		

@2024 THE PEARL KAMPALA SCHOOLS

Turn over

THE PEARL EDUCATIONAL CONSULT KAMPALA SCHOOLS

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SECTION A : 40 MARKS

1. Name any one raw material for photosynthesis to take place.

2. Give any one use of honey to people.

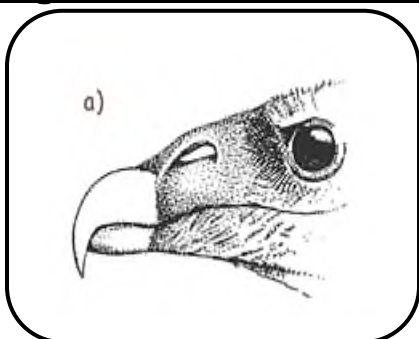
3. Why is it advisable for school children to sleep under a mosquito net?

4. How does heat from the sun reach to the earth?

5. What are farm records?

6. In which state of matter is ice?

The diagram below shows a beak. Study it carefully and answer question 7



7. Identify the type of food which a bird with the above beak feeds on.

8. How are worker bees important in crop farming?

9. Give one way the body can acquire immunity.

10. Which part of the human ear maintains body posture?

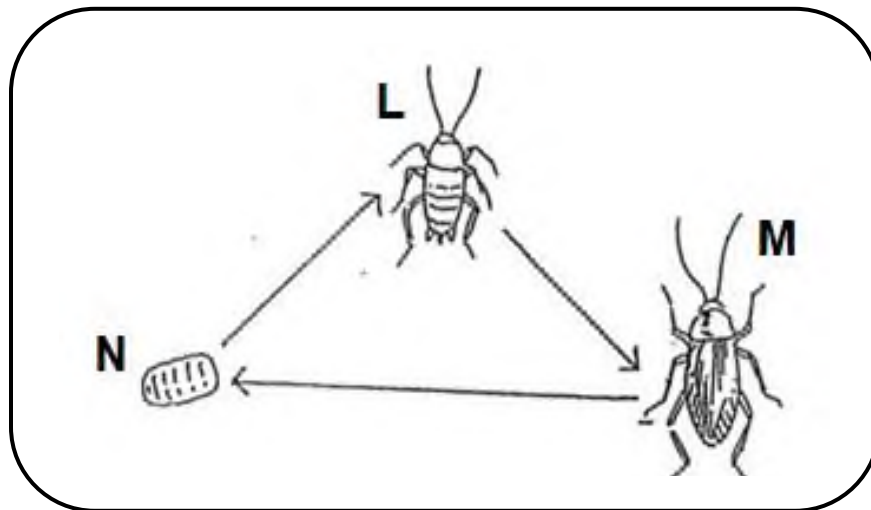
11. Write down any one element of primary health care.

12. State any one example of a water cleaned disease.

13. What is the gestation period of a rabbit?

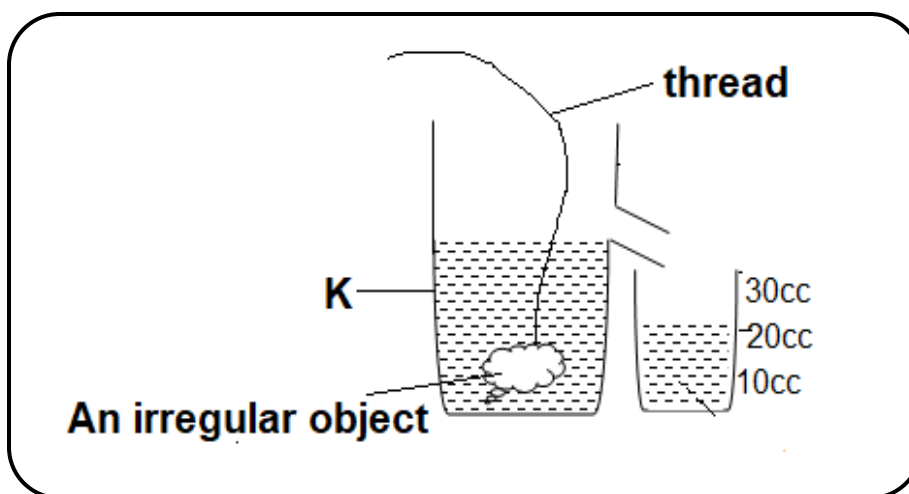
14. Why does a stone thrown in air fall back on the ground?

The diagram below shows the life cycle of a cockroach. Use it to answer questions 15 and 16



15. Name the stage marked L
-
16. Mention any one other insect that undergoes the life cycle shown.
-
17. Why are beans grouped under leguminous crops?
-
18. Which body organ in the human being has the same function as gills in fish?
-
19. Mention any one example of reptiles.
-
20. Write down any one PIASCY message commonly displayed in school compound.
-
21. How is sound produced?
-
22. Name the component of air used to preserve soft drinks.
-
23. Mention any one reason why the practice of castration is important on a goat farm.
-
24. State any one importance of ironing clothes.
-
25. Name any one disease of cassava plants.
-

The diagram below shows an experiment carried out by P.6 pupils. Use it to answer questions 26 and 27



26. Name the container marked with letter K

27. What is the experiment about?

28. State the reason why top soil is the best layer of soil suitable for plant growth.

29. Why is it good to tighten the strings of a guitar before playing it?

30. Give one use of enzymes in digestion of food.

31. State any one characteristic common to all arthropods.

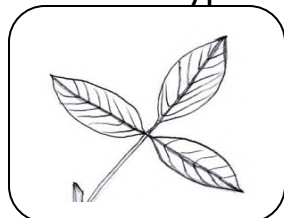
32. Name one example of immunisable disease caused by a virus.

33. State the importance of moulting in insects.

34. Mention any one example of flightless bird.

35. Give the major product got from merino sheep.

36. Name the type of compound leaf below.



37. Which component of soil is needed by soil living organism to respire?

38. Mention any one traditional method of preserving meat.

39. State any one danger of poor oral hygiene.

40. Which organ does the tadpole use for breathing?

SECTION B: 60 MARKS

41. (a) State any two ways of caring for our teeth.

(i) _____

(ii) _____

(b) How are canine teeth useful to a dog?

(c) Name any one disease which attacks the teeth.

42. (a) How do bacteria reproduce?

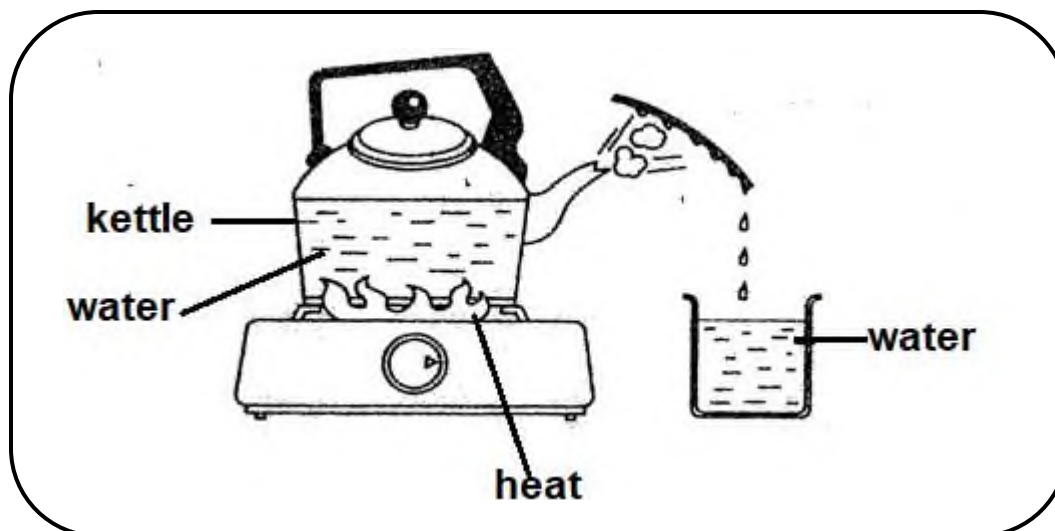
(b) Give any one condition that is good for multiplication of bacteria.

(c) Write down any two importance of bacteria in the environment

(i) _____

(ii) _____

43. **The diagram below shows a certain experiment. Use it to answer questions that follow.**



(a) What is the experiment about?

(b) What do the following represent in nature?

(i) kettle

(ii) heat

(c) Mention any one process involved in the process above.

44. **Match the following in list A with their example in list B**

List A	List B
Arachnid	centipede
Insect	crab
Myriapod	mite
Crustacean	bettle
	Leeches

(i) Arachnid

(ii) Insect

(iii) Myriapod

(iv) Crustacean

45. (a) What are vertebrates?

(b) Besides birds, mention any two other groups of vertebrates.

(i)

(ii)

(c) Why are birds referred to as warm blooded vertebrates?

46. (a) How useful is royal jelly in a bee hive?

(b) State any one advantage of a modern bee hive or traditional bee hive

(c) Name any two products got from honey.

(i)

(ii)

47. (a) State one major similarity between chemical and biological changes.

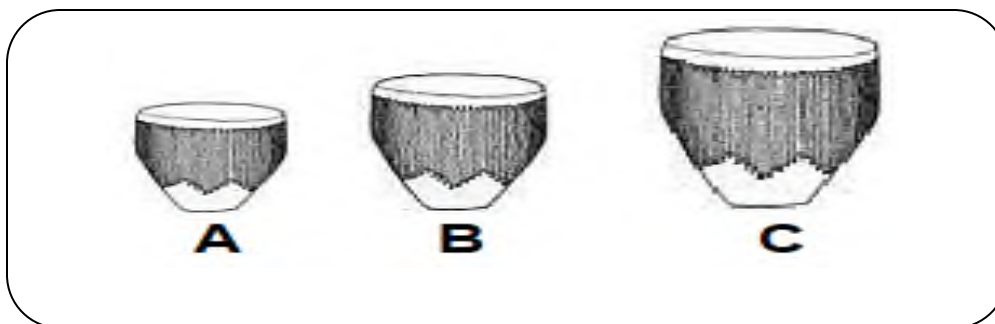
(b) Which physical change leads to change of state from liquids to solids?

(c) Mention one example of each of the following;

(i) chemical change _____

(ii) biological change _____

48. **The diagram below shows three drums. Use it to answer questions that follow.**



(a) Which drum will produce sound with;

(i) Lowest pitch _____

(ii) Highest pitch _____

(b) How does a drum produce sound?

(c) Give one reason why sound is stored.

49. (a) What are social insects?

(b) Give two examples of social insects

(i) _____

(ii) _____

(c) In which way are insects useful to people.

50. (a) What is poultry?

(b) State any two types of chicken

(i) _____

(ii) _____

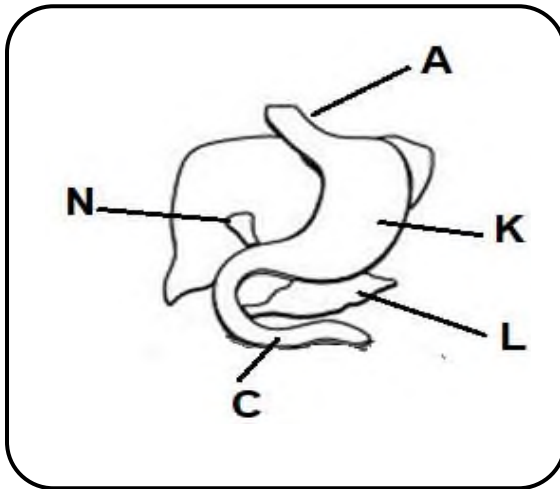
(c) Give one reason why free-range system is commonly used in rural areas.

51. (a) Name one exotic breed of sheep reared for wool production.

(b) Identify one product made from wool.

(c)How is docking important practice in sheep management?

52. **The diagram below shows the digestive system of a man. Use it to answer questions that follow.**



(a) Name parts marked N and L

i) N _____

ii) L _____

(b) State the function of part marked K

(c) Give any one disease that affects the digestive system.

53. (a)What do we call the sudden happening that causes injury to the body?

(b)Give two reasons why people with injuries should be given first aid.

(i) _____

(ii) _____

(c)Why should we tie slightly above the bitten part when giving first aid to a snake bite?

54. (a)Give two vulnerable groups of people involved in breast feeding.

(i) _____ (ii) _____

(b) Mention one advantage of breast feeding.

(c)Write down one disadvantage of bottle feeding

55. (a)Give two characteristics of living things.

(i) _____

(ii) _____

(b)State the difference between plants and animals.

(c)How do people benefit from orange plants in the school compound?

******GOOD LUCK******