



# THE DESTINY ACADEMIC RESEARCHERS CONSULTANCY KAMPALA 2024

## PROMOTIONAL/END OF YEAR EXAMINATIONS

SUBJECT : INTEGRATED SCIENCE

CLASS : PRIMARY FIVE STREAM: \_\_\_\_\_

DURATION: 2 HOURS 15 MINUTES

NAME : \_\_\_\_\_

SCHOOL : \_\_\_\_\_

DISTRICT : \_\_\_\_\_

### READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **10 printed pages** altogether.
2. Answer **all** questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
3. **All** working must be done using a **blue** or **black** ball or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **NOT** be marked.
4. Unnecessary **changes** in your work and handwriting that cannot easily be read may lead to loss of marks.
5. Do not fill any thing in the table indicated: **"For examiners' use only"** and the boxes inside the question paper.

FOR EXAMINER'S USE ONLY		
QN. NO.	MARKS	EXAMINER'S INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 50		
51		
52		
53		
54		
55		

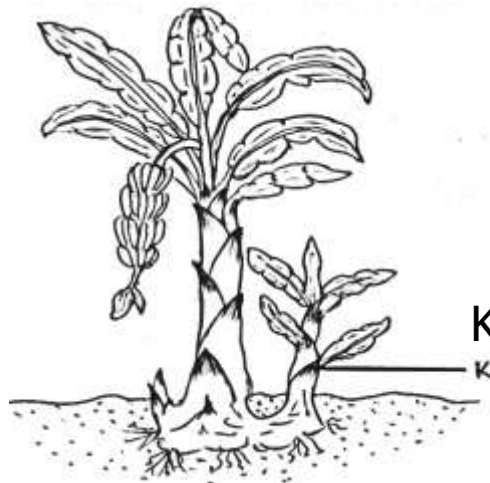
## SECTION A (40 MARKS)

Answer all questions in this section

Questions 1 – 40 carry one mark each

1. Name one health habit that should be practiced before eating.  
.....
2. Mention one substance that bees use for smoothing the inside part of a bee hive.  
.....
3. How can worm infestation be controlled without using drugs?  
.....
4. State the role of bile juice during food digestion.  
.....
5. Why is measles vaccine administered to babies at the age of 9 month?  
.....

**The diagram below shows a banana plant. Use it to answer questions 6 and 7.**

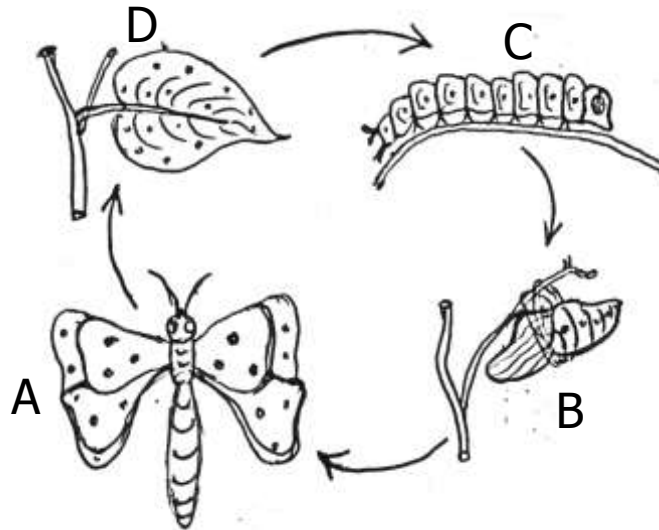


6. How do crop farmers reduce the rate of transpiration in the above plant?  
.....
7. State the use of part **K** to crop farmers.  
.....
8. Mention **one** measure taken by farmers to prevent disease attack in goats and sheep.  
.....
9. State any **one** way of controlling soil erosion in hilly areas.  
.....

10. Give **one** reason why water is not used in thermometers.

11. How are **PIASCY** messages useful to school going children like girls?

The diagram below is of a lifecycle of a certain insect. Use it to answer questions 12 and 13.



12. Name the type of the lifecycle shown above.

13. Why is stage marked **C** harmful to crops?

14. Which element of PHC is promoted by using a toothbrush?

15. How can people preparing juice make sugar dissolve in juice completely?

16. Mention any one use of food in our body.

17. Sarah saw electric wires sagging in between electric poles. In which type of weather did she see the wires?

18. State one way of preventing metallic tools from rusting.

19. Mention any one exotic breed of rabbits.

20. How are spiracles in insects similar to stomata in plants?

.....

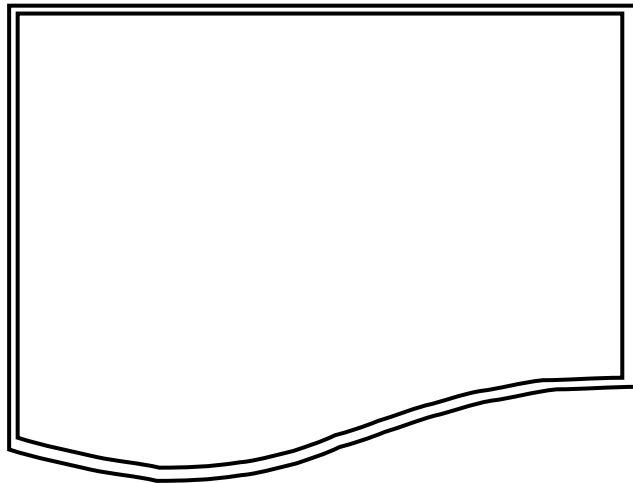
21. Mention any pest that attacks crops in the store.

.....

22. Why is breast milk regarded as the best food for babies?

.....

23. In the space provided below, draw a garden tool used for weeding crops.



24. How is rusting similar to burning apart from being chemical changes?

.....

25. Name the element of a clean home that promotes proper disposal of wastes.

.....

26. Which role is played by windows in a living house?

.....

27. Give **one** importance of having young farmers clubs in a school.

.....

28. State **one** characteristic of living things that causes change in body size.

.....

29. In which way is electricity an important resource to people?

.....

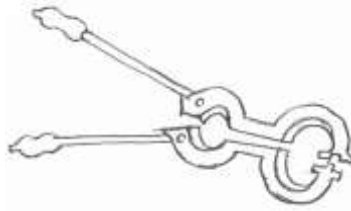
30. How does a person who is seated near a burning charcoal stove receive heat?

.....

31. State any **one** way in which bacteria is useful to people?

.....

32. State the use of the farm tool drawn below.



.....

33. Why does a stone move slowly upwards and faster down wards when thrown?

.....

34. A substance has volume of 7cc and mass of 63g. Find its density.

35. Mention any one deficiency disease caused due to lack of mineral salts in the body.

.....

36. How is a health parade important in a school?

.....

37. Write any one example of a food taboo in our community.

.....

38. Write one example of spore bearing plants.

.....

39. Mention any one sign of heat period in ewes.

.....

40. Which form of mechanical energy is possessed by a sleeping baby on the bed?

.....

### **SECTION B (60 MARKS)**

#### **Questions 41 – 55 carry four marks each**

41. a) Give the difference between root crops and tuber crops.

.....

.....

b) Write any **one** common example of a tuber crop.

.....

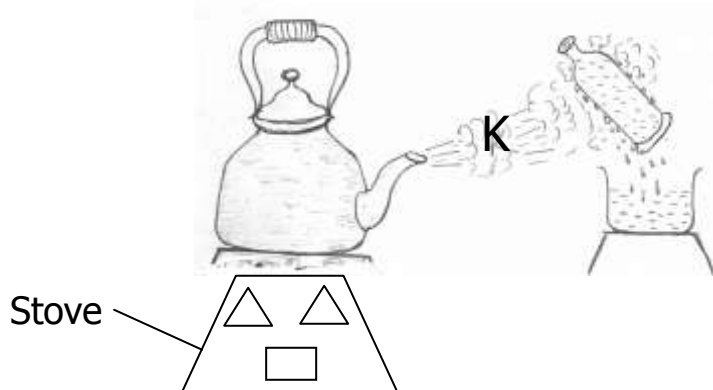
c) How do people propagate the tuber crop you have named above?

.....

d) Write any **one** method used in harvesting tuber crops.

.....

42. The diagram below represents a natural process in environment. Study it carefully and use it to answer questions that follow.



a) Name the natural process shown in the diagram above.

.....

b) What does the following represent in above process?

i. Charcoal stove.....

ii. Kettle.....

c) Which physical process is marked K?

.....

43. a) Name **two** types of weather.

i. ....

ii. ....

b) Give **one** instrument found at the weather station.

.....

c) In which way is sunny weather useful to a P.5 pupil?

.....

44. a) Name the body organ that performs the following:

i. Filtration of blood.....

ii. Pumping of blood.....

b) State any **two** ways of caring for body organs like eyes.

i. ....

ii. ....

45. The diagram below shows a living organism. Use it to answer questions that follow.



a) Name the agent of pollination drawn above.

.....

b) Give **one** way the above organism benefits from plants.

.....

c) How is the beak of the organism adapted to its function?

.....

d) Mention **one** other organism that helps in pollination of flowers.

.....

46. a) Give an example of each of the following;

i. Modern beehive.....

ii. Traditional beehive.....

b) State **two** advantages of using modern beehives.

i. ....

ii. ....

47. a) Give any **two** causes of dehydration.

i. ....

ii. ....

b) State any **one** sign of dehydration.

.....

c) How can rehydration control dehydration?

.....

48. a) What scientific term is used to mean the breaking down of food into small soluble particles that can be absorbed into blood stream?

.....

b) Give **two** disorders of the digestive system.

i. ....

ii. ....

c) How can **one** promote the proper functioning of the digestive system in man?

.....

49. a) State the meaning of the term matter

.....

b) Write any **two** examples of matter with mobile molecules.

i. ....

ii. ....

c) How can heat affect the states of matter?

.....

50. a) Give one example of a harmful fungi to man.

.....

b) How do most fungi reproduce?

.....

c) Why can't fungi make their own food?

.....

d) Name one fungal disease that attacks people.

.....

51. Match the vectors to the diseases they spread.

Vector	disease
i. Cockroach	Bubonic plague
ii. Blackfly	Malaria
iii. Female anopheles mosquito	Diarrhoea
iv. Rat fleas	River blindness

i. Cockroach .....

ii. Black fly .....

iii. Female anopheles mosquito .....

iv. Rat fleas .....



52. a) Give any **two** examples of vulnerable groups of people.

i. ....

ii. ....

b) Mention any **two** ways of caring for the vulnerable group of people.

i. ....

ii. ....

53. a) Give the meaning of the term photosynthesis.

.....

.....

b) Write **two** raw materials plants need for carrying out photosynthesis.

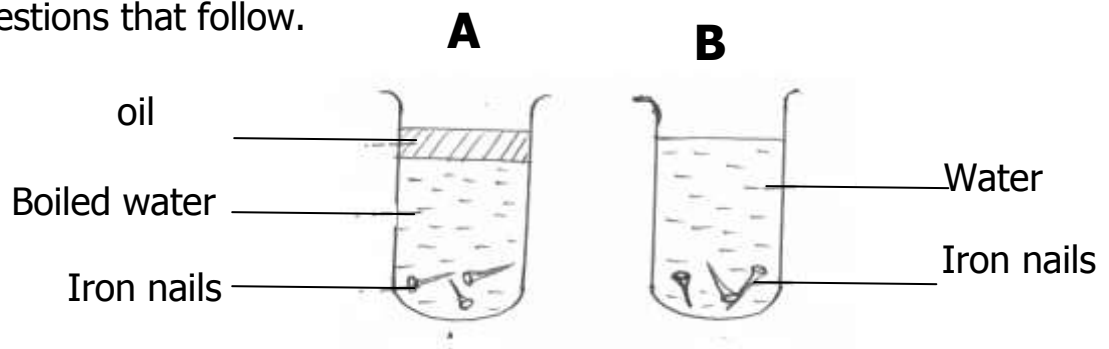
i. ....

ii. ....

c) State the role of chlorophyll during photosynthesis.

.....

54. The experiment below shows rusting. Use the diagram to answer questions that follow.



a) In which of the containers will the iron nails rust after some days?

.....

b) Why did the iron nails rust in the container you have named above?

.....

.....

c) Give a reason why oil was placed in container **A**.

.....  
.....

d) What would happen to the nails if they were painted before being put in containers?

.....  
.....

55. a) Mention **two** food products farmers get from poultry.

i. ....

ii. ....

b) Write any one care that is always provided to egg laying birds.

.....

c) How do crop farmers benefit from poultry?

.....

***END***