



# NICK EDUCATION CONSULT LTD.

## END OF TERM I ASSESSMENT 2024

### PRIMARY SIX

#### INTEGRATED SCIENCE

*Time Allowed: 2 Hours 15 Minutes*

Candidate's Name: .....

Signature: .....

School: .....

#### 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.
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-point pen or fountain pen. Any work done in pencil other than graphs and diagrams will not be marked.
4. No calculators are allowed in the examination room.
5. Unnecessary changes in your work may lead to loss of marks.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Do not fill anything in the table indicated: "**For Examiners' Use Only**"

#### FOR EXAMINERS' USE ONLY

PAGES	MARKS	EXR'S NO
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
Page 9		
Page 10		
TOTAL		

**For: Holiday packages, all kinds of Printing, Designing, Branding and stationary supplies**

© Contacts: +256 200 955 926 / +256 783 170 464 / +256 744 704 977 / +256 705 622644

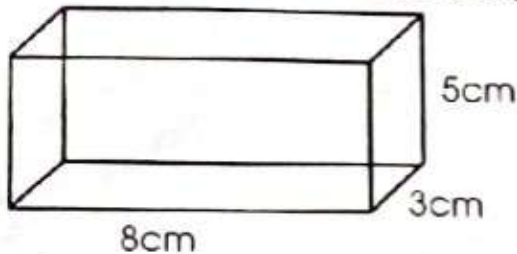
Email: nickeducationconsult@gmail.com  
P.O.Box 155892, Kampala



AnyScanner

## SECTION A

1. Give **one** example of a social insect.  
\_\_\_\_\_
2. Name the component of air used in fire extinguishers.  
\_\_\_\_\_
3. Name any **one** item found in a clean home.  
\_\_\_\_\_
4. Give **one** example of a biological change in the environment.  
\_\_\_\_\_
5. Find the volume of the rectangular box below.



6. Why does blood go to the kidneys during circulation?  
\_\_\_\_\_
7. How is heavy rainfall dangerous to a farmer?  
\_\_\_\_\_
8. Give **one** example of an animal that is an amphibian.  
\_\_\_\_\_
9. State **one** danger of bacteria in our environment.  
\_\_\_\_\_
10. Mention **one** condition that must be present for a plant to make starch.  
\_\_\_\_\_
11. State **one** method used to preserve food at home.  
\_\_\_\_\_
- \* 12. Why do we wash first wash hands when preparing oral rehydration salts.  
\_\_\_\_\_
13. Why do sheep farmers usually keep merino sheep?  
\_\_\_\_\_
14. Give **one** example of an object that sinks in water.  
\_\_\_\_\_
15. How can a farmer protect his garden tools from rusting?  
\_\_\_\_\_
16. Give **one** advantage of an extended family  
\_\_\_\_\_



Study the diagram below of a group of birds and use it to answer questions 17 and 18.



17. Give **one** example of a bird that belongs to the above mentioned group.

18. To which group of birds does the bird shown above belong?

19. Give **one** importance of echoes to bats.

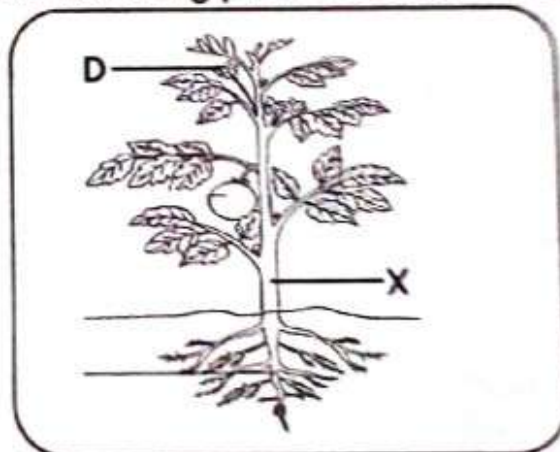
20. State the function of canine teeth to humans.

21. Name the type of soil suitable for pottery.

22. Mention **one** place at home where house flies lay their eggs.

23. Give **one** example of fungi in the environment.

Study the diagram of a flowering plant and use it to answer question 24 and 25

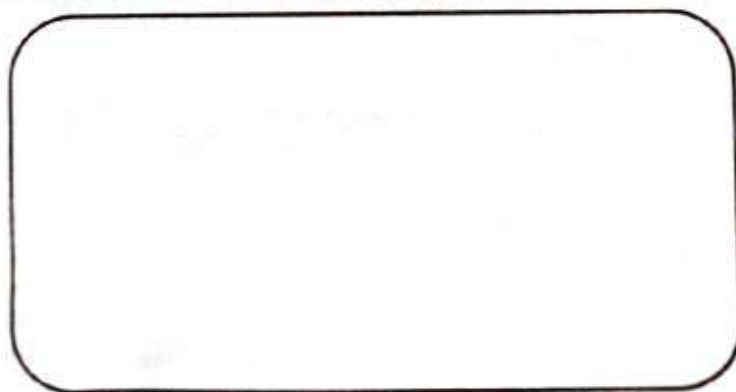


24. Name part marked **D**.

25. How is part marked **X** important to a plant.

26. State **one** way of caring for domestic animals at home.

27. Name **one** animal that uses water as habitat.  
\_\_\_\_\_
28. In which way can a farmer care for seedlings in a nursery bed.  
\_\_\_\_\_
29. Mention **one** product people get from domestic rabbits.  
\_\_\_\_\_
30. State **one** process involved in rain formation.  
\_\_\_\_\_
31. Give **one** advantage of breast feeding to a mother.  
\_\_\_\_\_
32. State **one** sign of a dehydrated child.  
\_\_\_\_\_
33. Mention **one** liquid commonly used in the thermometers.  
\_\_\_\_\_
34. Give **one** similarity between spiracles and stomata.  
\_\_\_\_\_
35. Name the intestinal worm which feeds on digested food in the human body.  
\_\_\_\_\_
36. Give **one** danger of alcohol to an individual.  
\_\_\_\_\_
37. Mention the digestive juice produced in the mouth.  
\_\_\_\_\_
38. Name **one** pest that destroys crops in the garden.  
\_\_\_\_\_
39. State **one** activity done to control mosquitoes in the community.  
\_\_\_\_\_
40. In the diagram below, draw leaf of a monocotyledonous plant.



#### SECTION B

41. Give **two** examples of essential drugs.

i) \_\_\_\_\_

ii) \_\_\_\_\_



b) Mention one activity in which a P.6 pupil can involve to avoid drug abuse.

c) Why should essential drugs be prescribed before taking them by a patient.

42. Mention **two** elements of weather.

i) \_\_\_\_\_

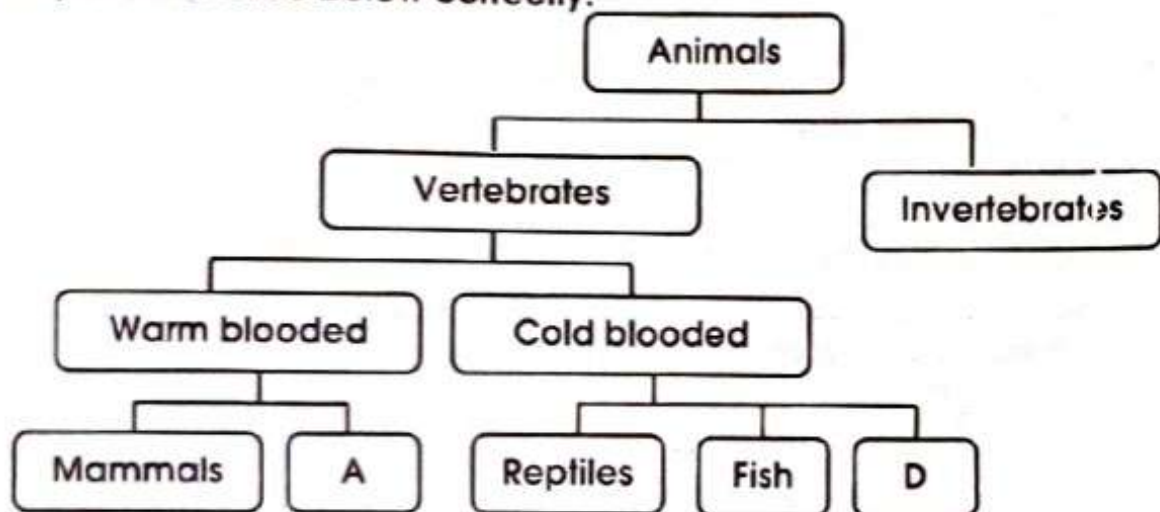
ii) \_\_\_\_\_

b) **State the weather condition that enables the farmer to carry out the following activities.**

i) winnowing \_\_\_\_\_

ii) drying harvested crops \_\_\_\_\_

43. Complete the table below correctly.



a) Name the group of animals represented by the following letters?

i) **A** \_\_\_\_\_

ii) **D** \_\_\_\_\_

b) Why is a fish called a cold blooded animal?

c) Mention one feature used when classifying animals.

44. The diagram below is of an Irish potato. Use it to answer that follow.



a) Name parts marked **V** and **X**.

i) **V** \_\_\_\_\_

ii) **X** \_\_\_\_\_

b) How is an Irish potato propagated?

c) Why is an Irish potato called a stem tuber?

45. State **one** advantage of mulching to a farmer.

b) Give **two** examples of materials that can be used as mulches.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) How is mulching a disadvantage to a farmer.

46. How are the following types of bees important in a hive?

i) Drone bee \_\_\_\_\_

ii) Worker bee \_\_\_\_\_

b) State one importance of honey to people.

c) Mention one tool a honey harvester needs to harvest honey.

47. Below is a musical instrument. Study it carefully and answer questions.



a) Name the musical instrument above.

b) To which group of musical instruments does it belong?

c) State **one** method used to store sound produced by the above musical instrument.

d) Give **one** reason why sound should be stored.

48. Name any **two** methods used to administer vaccines in the body.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Name the vaccine administered to children at the following ages;

i) At birth \_\_\_\_\_

ii) 9 months \_\_\_\_\_



49. Mention any **two** vices in domestic birds.

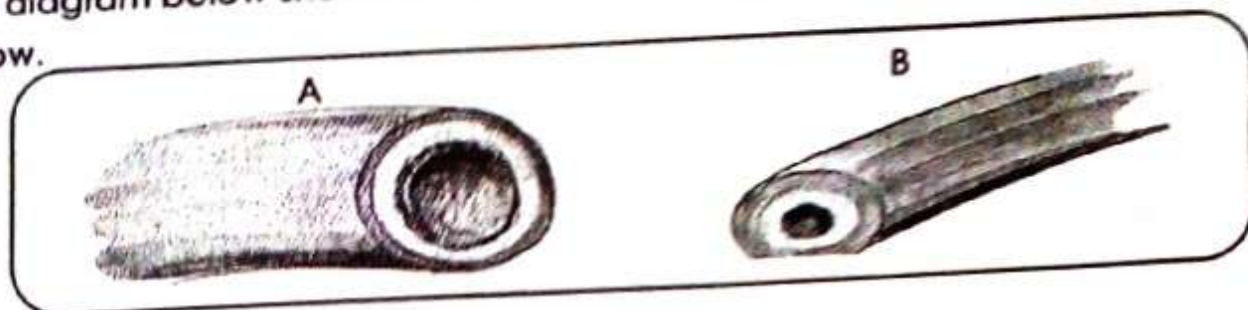
i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Identify **one** cause of poultry vices.

c) Give **one** method used by farmers to control poultry vices.

50. The diagram below shows two blood vessels. Use it to answer questions that follow.



a) Name the blood vessels **A** and **B**.

i) **A** \_\_\_\_\_

ii) **B** \_\_\_\_\_

b) What type of blood is transported by blood vessel **B**?

c) What is the importance of valves found in blood vessels **A**?

51. Write down **two** activities performed to promote good personal hygiene.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) Name any **one** material Mukose should use to promote good personal hygiene.

c) Mention **one** bad effect of poor personal hygiene in humans.

52. Mention **two** examples of communicable diseases that attack people.

i) \_\_\_\_\_

ii) \_\_\_\_\_

b) State any **two** insect vectors that spread communicable diseases.

i) \_\_\_\_\_

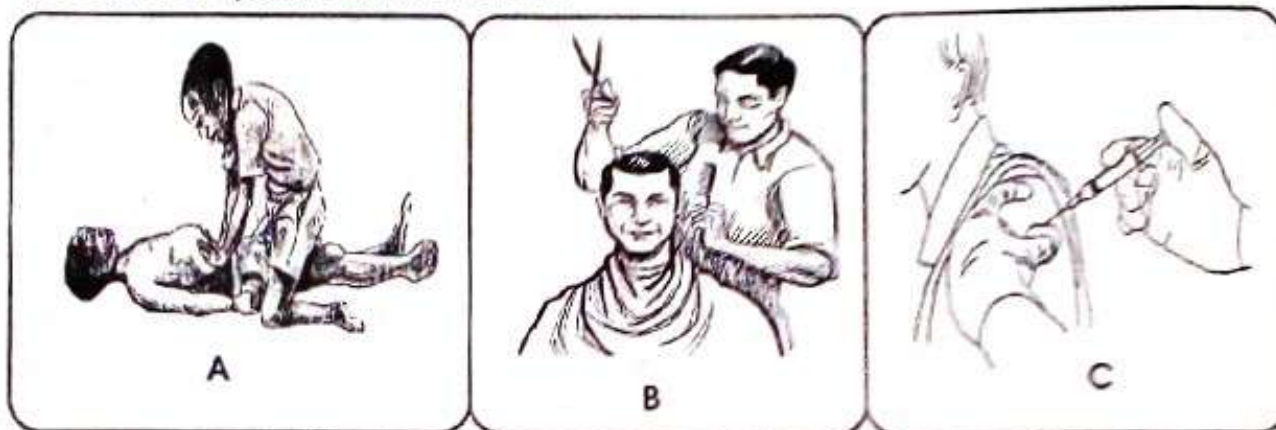
ii) \_\_\_\_\_

53. Match item in list **A** to those in list **B** correctly.

<b>A</b>	<b>B</b>
Tsetse fly	Bubonic plague
Houseflies.	Malaria
Female anopheles mosquito	Dysentery
Rat flea	Sleeping sickness

- a) Tsetse fly \_\_\_\_\_  
 b) House fly \_\_\_\_\_  
 c) Female anopheles mosquito \_\_\_\_\_  
 d) Rat flea \_\_\_\_\_

54. The diagrams below show activities done to promote Primary health care. Use it to answer questions that follow.



a) Mention the element of Primary Health Care promoted in A and C.

- i) A \_\_\_\_\_ ii) C \_\_\_\_\_

b) Give **one** reason why activity in A is given to casualties.

c) Apart from a pair of scissors, mention any other material used to promote PHC in activity B.

55. State the main source of heat in our environment.

b) Give **one** use of heat in our environment.

c) Apart from heat energy, mention any other form of energy.

d) Give **one** way through which heat travels through matter.

\*\*\*\*\*GOOD LUCK\*\*\*\*\*