



NANSANA MUNICIPAL COUNCIL

PRIMARY LEAVING MOCK EXAMINATIONS 2025

INTEGRATED SCIENCE

Time Allowed: 2 hours minutes

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

District ID No.

--	--	--	--

Read the following instruction carefully:

1. Do not write your **school** or **district name** anywhere on this paper.
2. This paper has **two** sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **16 printed pages**.
3. Answer **all** the questions. **All** the answers for both sections **A** and **B** must be shown in the spaces provided.
4. **All** the answer **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil other than drawings in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN.NO.	MARKS	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 55		
53 - 55		
TOTAL		

Turn Over

SECTION A: 40 MARKS

*Answer **all** questions in this section.
Questions **1** to **40** carry one mark each.*

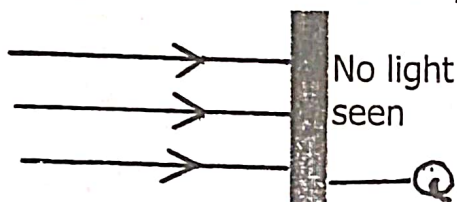
1. Name the part of alimentary canal that connects the mouth to the stomach.

2. State any one characteristic that makes a toad and a crocodile similar.

3. State any one reason why farmer prefer annual crops to perennial crops.

4. Identify one way in which soil helps to support plant growth.

The diagram below shows a parallel beam of light falling on a type of object marked Q. Study and use it to answer question **5** and **6** and question



5. Name the type of object marked Q.

6. Give one example of such a type object marked Q.

7. State any one safety measure taken when handling vaccines.

8. Identify the system of rearing chicken in which feeding containers are always placed outside the cages.

9. Mention any one way food is important in the body.

10. Give one way a sheep is a useful resource to humans:

11. State any one advantage of storing sound.

12. State any one way in which function is useful during promoting oral health.

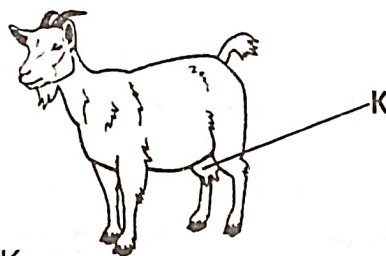
13. Mention any one example of an organ made of smooth muscles.

14. State any one hygienic activity done during preparation of food.

15. Give any one practice done to safeguard bees from their enemies.

16. Write down one way in which conifers differ from other non-flowering plants.

The diagram below is of a goat. Study and use it to answer questions 17 and 18.



17. Identify the part marked K.

18. Write down one way of controlling the disease which affects part marked K of a goat.

19. Give any one good practice a farmer can do to protect harvested beans from getting spoilt.

20. Which state of matter expands most on heating?

21. Give one reason that makes some bacteria harmful in the environment.

22. Write down any one way birds can be of a disadvantage in the environment.

23. State one way a school health club passes on PIASCY messages in a school.

24. State any one benefit of spacing crops during planting.

25. Name the type of blood vessels which carry blood towards the human heart.

26. Give any one sign of tooth decay.

27. Write any one factor that influence soil erosion by water.

28. Mention the importance for wringing clothes during washing.

29. State any one effect of tapeworm infestation on human health.

30. State the reason why poor disposal of faeces lead to easy spread of diseases.

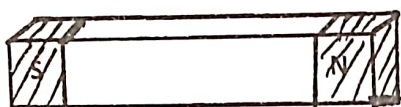


31. State one factor that affect the rate of photosynthesis in plants.

32. Give one importance of immunization schedule on a child health card.

33. Mention one way in which orange plants can be artificially propagated.

34. The diagram below shows a bar magnet. On it, complete by drawing the magnetic lines of force.



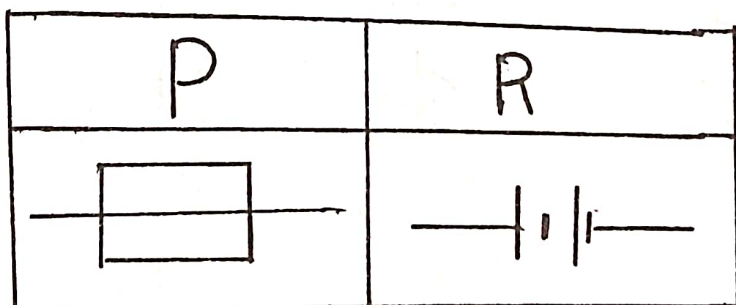
35. State the reason why a queen bee has the largest abdomen in a hive.

36. Give any one way holes created after brick making can be a danger to the health of family members.

37. State any one function of the uterus in the female reproductive organ.

38. Mention any one method that can be used to separate non uniform solid mixtures.

Below are symbols that represent parts of an electric circuit. Study and use it to answer question **39** and **40**.

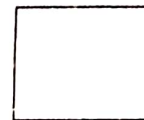


39. State what symbol P represent in an electric circuit.

40. Give the importance of symbol R of a circuit with symbol shown above.

SECTION B: 60 MARKS

*Answer **all** questions in this section.
Questions **41** to **55** carry four marks.*



41 (a) Name the part of the kidney where each of the following takes place.

(i) Filtration of blood

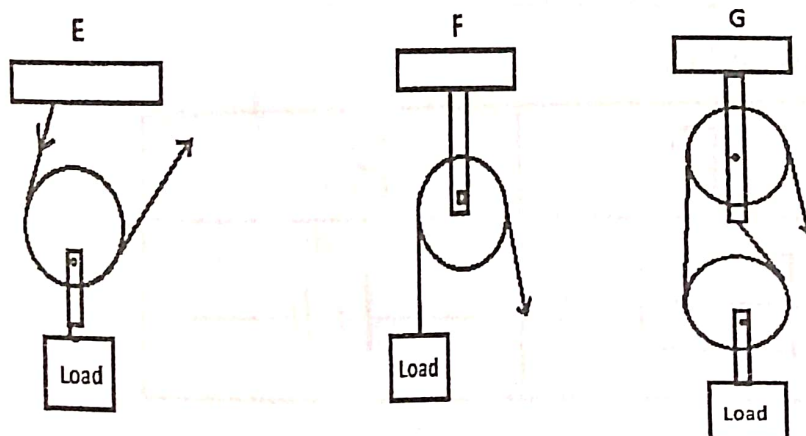
(ii) Selective re-absorption of water.

(iii) Storage of wastes removed from blood.

(b) Mention the importance of filtration of blood by the kidney to the body.

(c) State any one communicable disease that attack the kidney.

42. The diagram below shows the different pulleys in action. Study them and answer questions that follow.



(a) Name the type of pulleys labelled **E** and **F**.

(i) **E** _____

(ii) **F** _____

(b) Calculate the effort one must apply on pulley G in order to lift the load of 70kg. (1marks)

(c) Give any **one** difference between pulley **E** and pulley **F**.

43. (a) State any **one** way a P.7 child can help to manage an accident at school.

(b) Explain how a P.7 pupil can administer first aid for nose bleeding.

(i) _____

(ii) _____

(iii) _____

44. (a) Give the meaning of the term drug overdose.

(b) State any **two** effects of under dose to a patient.

(i) _____

(ii) _____

(c) State any **one** way of controlling drug under-dose at home.

45. (a) Write down **two** sources of food.

(i) _____

(ii) _____

(b) Write down any **two** importance of keeping food safe.

(i) _____

(ii) _____

46. (a) A bicycle tyre was seen enlarging as air was pumped into it. State the two properties of air which caused enlargement of the tyre.

(i) _____

(ii) _____

(b) State any **one** way in which air supports plant life.

(c) Give the **one** way plants control air pollution around the factory.

47. The table below shows first aid materials, accident and use of the material. Study it carefully and complete it correctly.

Material	Accident	Use of the material
Surgical spirit	cut	_____
_____	Fracture	Used to keep broken bone in position.
Worm net towel	_____	Used for tepid sponging.
_____	Wound	Covering wounds

48. The diagram below shows materials used to manage weather conditions. Study and use them to answer the questions that follow.



(a) Name the weather condition in which material **K** is commonly used.

(b) Give any **one** way in which the material marked **L** is useful to people during weather conditions.

(c) State **two** ways of protecting crops against harsh weather changes.

(i) _____

(ii) _____

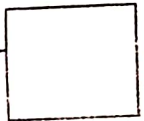
49. (a) Name the germ that causes East Coast Fever in cattle.

(b) State two ways of controlling East Coast Fever on a cattle farm.

(i) _____

(ii) _____

(c) Give any one effect of diseases on cattle.



50. (a) Mention any one sign of good sanitation.

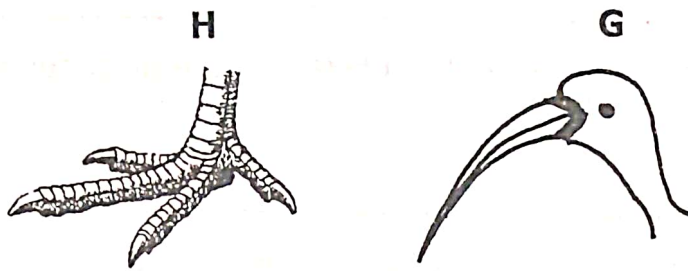
(b) State two activities done to promote hygiene in a community market.

(i) _____

(ii) _____

(c) Give any one benefit of health meetings to promoting hygiene in a community.

51. The diagrams below show a foot and a beak of a bird. Study and use it to answer questions that follow.



(a) State the group of birds that have the foot marked **H** above.

(b) Name the food material a bird with beak **G** feeds on.

(c) Explain briefly the toe arrangement on the foot of the bird with beak marked **G**.

(d) Give any one example of a domestic bird with the foot marked **H**.

52. (a) Name two features that enable the human body to make free movement.

(i) _____

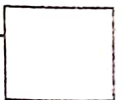
(ii) _____

(b) Apart from movement, state any one other function of the skeleton.

(i) _____

(ii) _____

53. (a) Give the meaning of the term agroforestry.



(b) State any two ways in which animals benefit from agroforestry.

(i) _____

(ii) _____

(c) Mention one proper method of harvesting trees in agroforestry.

54. (a) Write down two components of the stamen of a flower.

(i) _____

(ii) _____

(b) State any one way in which a petal increases chances of pollination of flower.

(c) State one importance of pollination in flowers.

55. A school administration has a problem of poor garbage disposal this has resulted into a serious outbreak of diarrhea.

(a) Explain how diarrhoea is related to poor disposal of garbage. (2marks)

(b) State any two ways primary six pupils can help the school community to solve the problem of poor disposal of garbage.

(i) _____

(ii) _____

END

