



THE HIGHWAY EXAMINATIONS

PRIMARY LEAVING MOCK

2025

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Random No.						Personal No.		

Candidate's name:

Candidate's signature:

District ID No:

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Read the following instructions 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** altogether.
3. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a **blue** or **black** ball point pen or ink. Any work written in pencil other than drawing 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 in the boxes inside the question paper.

FOR EXAMINER'S USE ONLY		
Qn. No.	MARKS	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A (60 marks)

Answer **all** questions in this section.

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

1. Name the group of vertebrates to which a snake belongs.

.....

2. State any **one** example of diarrhoeal diseases.

.....

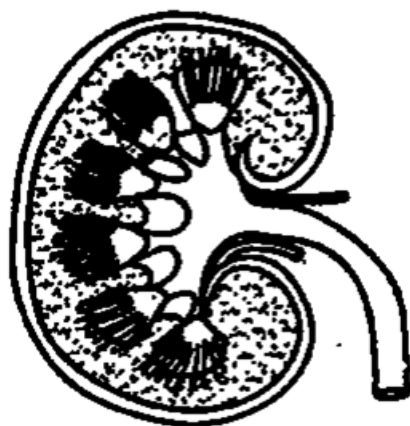
3. Identify the energy resource got from animals.

.....

4. Name the group of tuber crops to which a cocoyam belongs.

.....

The diagram below shows a human body organ. Use it to answer questions **5** and **6**.



5. Identify the main function of the organ shown above in the human body.

.....

6. State the danger of eating raw salt to the human body organ above

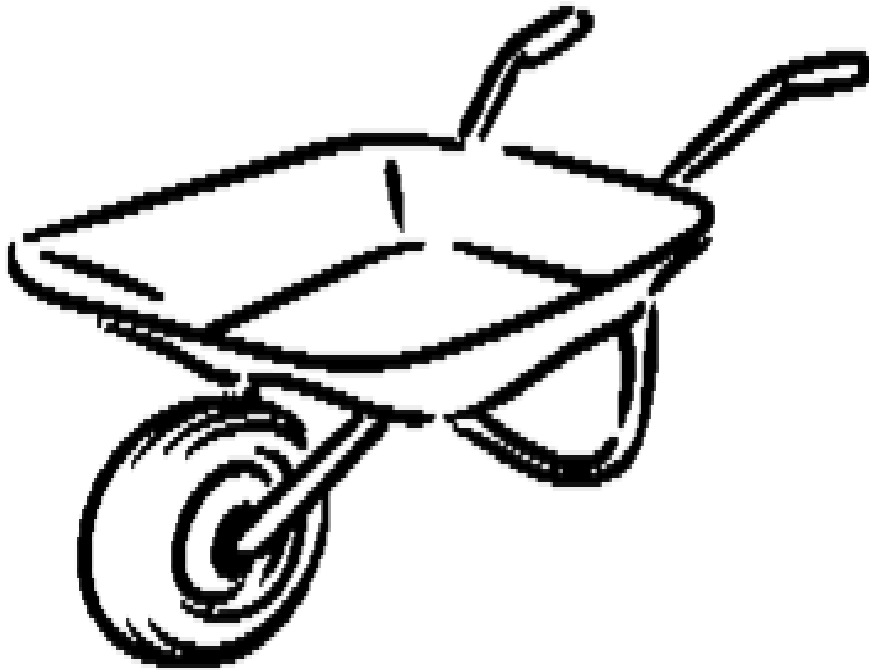
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7. Mention the type of movable joint which allows movement in many directions.
.....
8. Give a reason why a tippy tap is operated using a foot.
.....
9. Name the type of teeth which is missing in the milk set of teeth.
.....
10. Mention any **one** cattle disease that can be prevented by dipping cattle.
.....
11. Name the food made by plants during the process of photosynthesis.
.....
12. Identify the disease which is spread by fresh water snail.
.....
13. Name the structures in the human body where food is broke down to release energy.
.....
14. Give any **one** method used to preserve milk.
.....
15. Mention any **one** group of non flowering plants.
.....
16. State the cause of marasmus among babies
.....

17. Mention the type of blood vessel which transports blood towards the heart.

.....

The diagram below shows a simple machine. Study and use it to answer questions **18** and **19**.



18. Name the group of machines shown above.

.....

19. State any **one** way of increasing friction on the above machine

.....

20. State any **one** good quality of a good stake for supporting tomato plants.

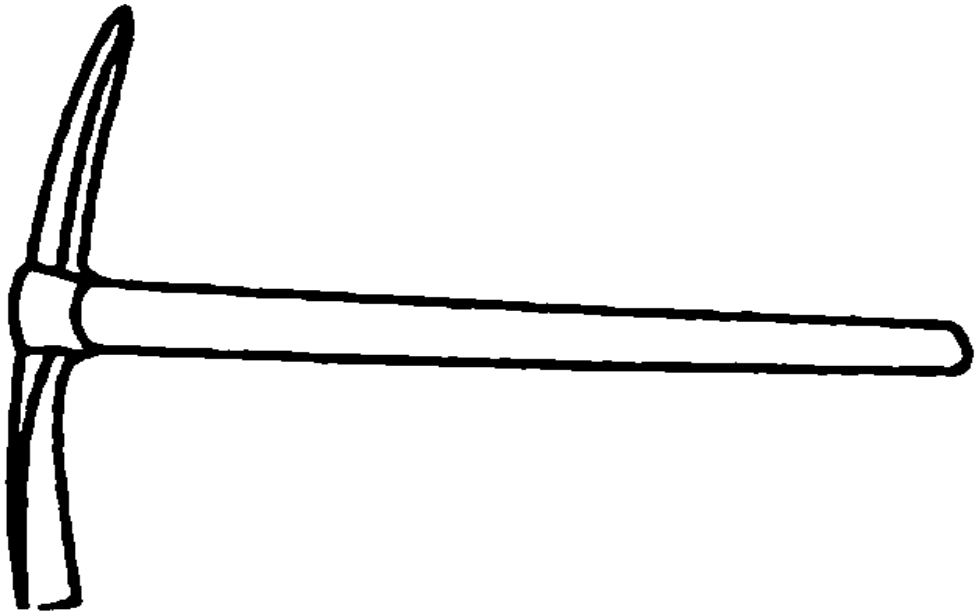
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21. Name any **one** component of soil

.....

22. Mention any **one** human activity that can help to conserve soil.
.....
23. Give any **one** effects of clouds in the environment.
.....
24. State any **one** way in which earthworms are important in the environment.
.....
25. Give any **one** reason why a toothbrush should have bristles.
.....
26. State any **one** common accident at home.
.....
27. Mention any **one** type of rabbit hutch.
.....
28. Give any **one** example of primary sex characteristics that occurs in boys.
.....
29. State any **one** activity that a school child can do to promote sanitation.
.....
30. Give a reason why the filament of an electric bulb is coiled
.....
31. Sate the importance of water proof to bees.
.....

The diagram below shows a garden tool. Study and use it to answer question **32** and **33**.



32. Identify the garden tool above.

.....

33. Give any **one** way in which the above garden tool is useful to farmers.

.....

34. Mention any **one** reason why we are advised to bathe

.....

35. State any **one** characteristic of living things.

.....

36. Mention any **one** way in which vaccines are administered into the body.

.....

37. Give any **one** activity at home that requires the use of filtration method.

.....

38. State **one** way in which physical exercise helps to improve the efficiency of the digestive system.

.....

39. Give a reason why sweet potatoes are planted on mounts.

.....

40. Identify any **one** reason why breastfeeding is recommended for at least two years.

.....



SECTION B: (60 MARKS)

Question **41** to **55** carry four marks each

41. (a) Name any **one** example of poultry vice in a deep litter house.
.....
- (b) Mention any **two** causes of poultry vices in a deep litter house.
- (i)
- (ii)
- (c) State any **one** way of controlling poultry vices in a deep litter house.
.....
42. (a) Apart from a toad, name any one other example of amphibians.
.....
- (b). State any **one** way in which amphibians are important in the environment.
.....
- (c). Explain any **one** way in which amphibians are adapted to living in water. **(2 marks)**
.....
.....

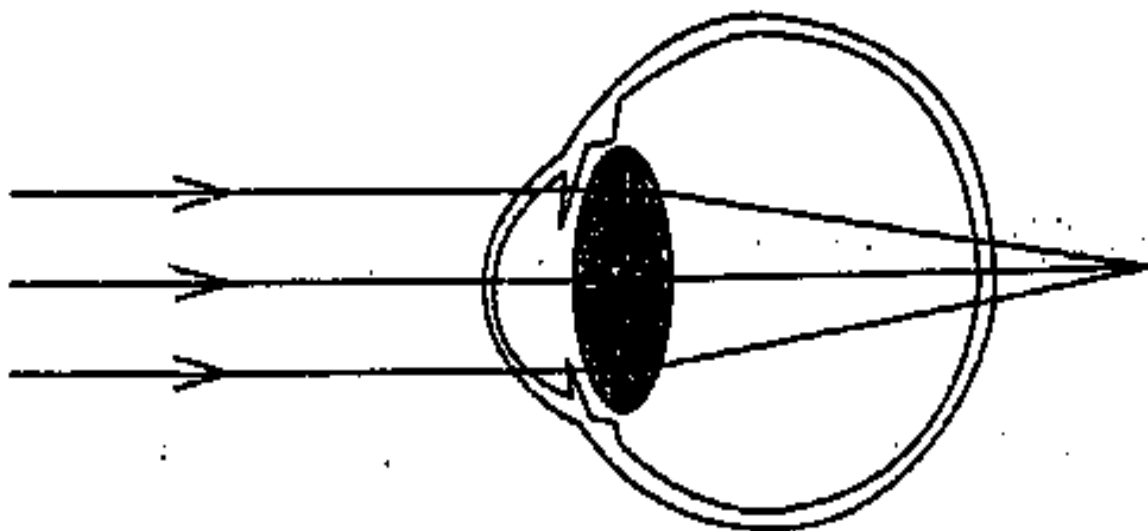
43. (a) Identify any **two** uses of pulleys in our daily life.

(i)

(ii)

(b). Calculate the effort needed by a boy to lift the load of **140 kg** using a single movable pulley

44. The diagrams below show human eye defect. Study and use them to answer questions that follow.



(a) Name the human eye defect shown above.

.....

(b) Identify any **one** cause of the above eye defect.

.....

- (c) Mention the type of lens used to correct the above eye defect.

.....

- (d) Apart from the above, mention any **one** other human eye defect.

.....

45. The table below shows forms of accidents in part **A** and their first aid in part **B**.

Part A: Form of accident	Part B: First aid
Electric shock	Tepid sponging the casualty
Nose bleeding	Tie the bandage slightly above the affected part.
Snake bite	Use dry wooden stick to remove the victim
Fever	Lean the casualty forward

Match the correct forms of accidents with their importance in the spaces provided below.

- (i) Electric shock.

.....

- (ii) Nose bleeding.

.....

- (iii) Snake bite.

.....

- (iv) Fever.

.....

46. (a). Give the meaning of the term **weather**.

.....
.....

(b). You are provided with the following materials: Electric stove, kettle, metallic cover and mug.

Describe how you can use the above items to show how rain is formed. (03 marks)

.....
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.....
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47. (a) Give any **one** example of natural magnets.

.....

(b) Mention any **two** ways of preventing magnets from losing its magnets.

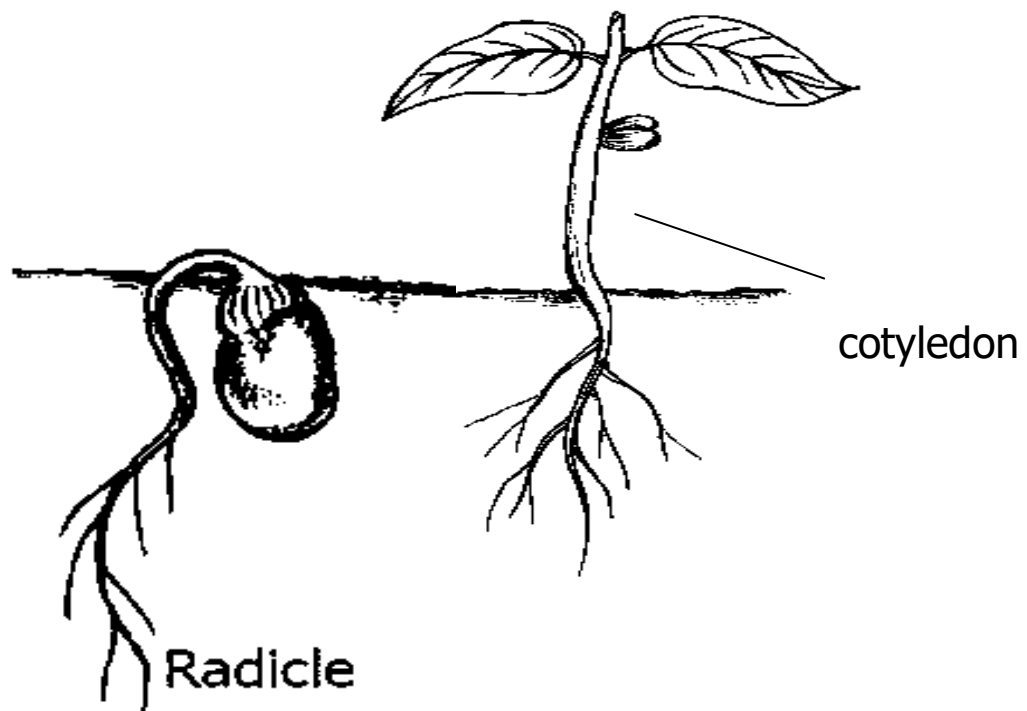
(i)

(ii)

(c) State any one home device that use electromagnets.

.....

48. The diagrams below show types of germination. Study and use them to answer the questions that follow.



- (a) Name the type of germination shown above.

.....

- (b) Give any one plant which undergoes the above type of germination.

.....

- (c) State any one condition necessary for the above type of germination to take place.

.....

- (d) Give a reason why the radicle come out first as shown in the types of germination marked above.

.....



49. (a) Mention any **two** examples of viral diseases in cattle.

(i)

(ii)

(b) Apart from application of quarantine, state any one way in which viral diseases can be controlled in cattle.

.....

(c) State any **one** way application of quarantine controls viral diseases in cattle.

.....

50. (a). Name any **one** PIASCY message that helps to prevent teenage pregnancy among girls at school.

.....

(b) Give any **one** way in which PIASCY messages are important to school children.

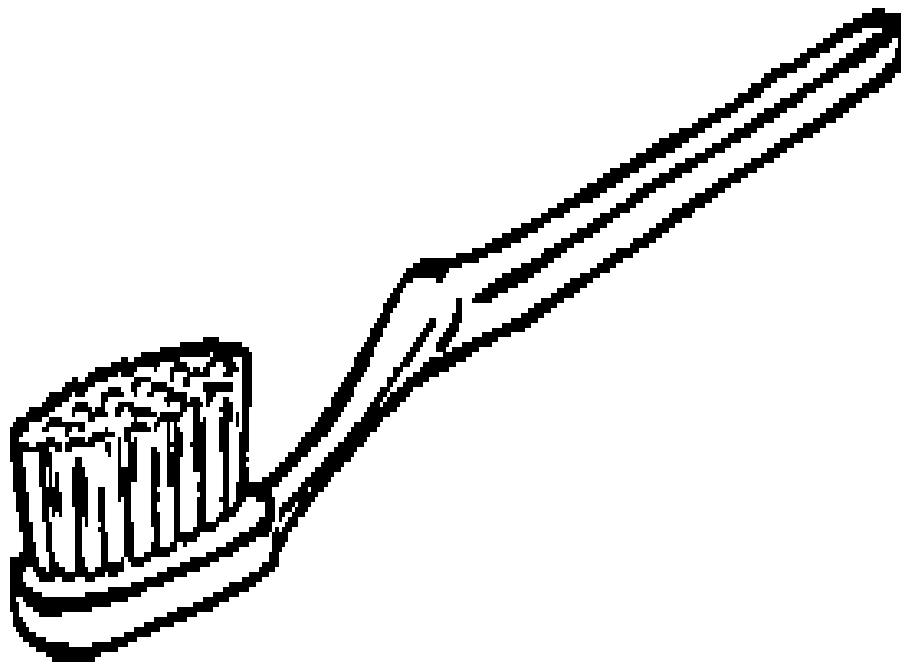
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(c) State any **two** ways PIASCY message safeguard adolescent girls from teenage pregnancy.

(i)

(ii)

51. The diagram below shows an item used to promote personal hygiene. Use it to answer questions that follow.



- (a) Name the item above used to promote personal hygiene.

.....

- (b) State any **one** way of caring for the item above after use.

.....

- (c) Apart from the above, give any **one** material used when brushing the teeth.

.....

- (d) Identify any **one** part one should focused on when brushing the teeth.

.....



52. (a) Give the meaning of the term **heat**.

.....
.....

(b) Mention the state of matter in which heat travels;

(i) fastest by conduction.

(ii) faster by convection.

(c) Mention any **one** application of heat transfer by convection in our daily life.

.....

53. (a) State any **one** way in which rabbits are useful to people.

.....

(b) Name any **two** exotic breeds of rabbits kept in Uganda.

(i)

(ii)

(c) Give any **one** reason why rabbits hutch should be raised above the ground.

.....

54. (a) Name the germ spread by anopheles' mosquito to people.

.....

(b) Identify the type of life cycle to which anopheles' mosquito undergoes.

.....

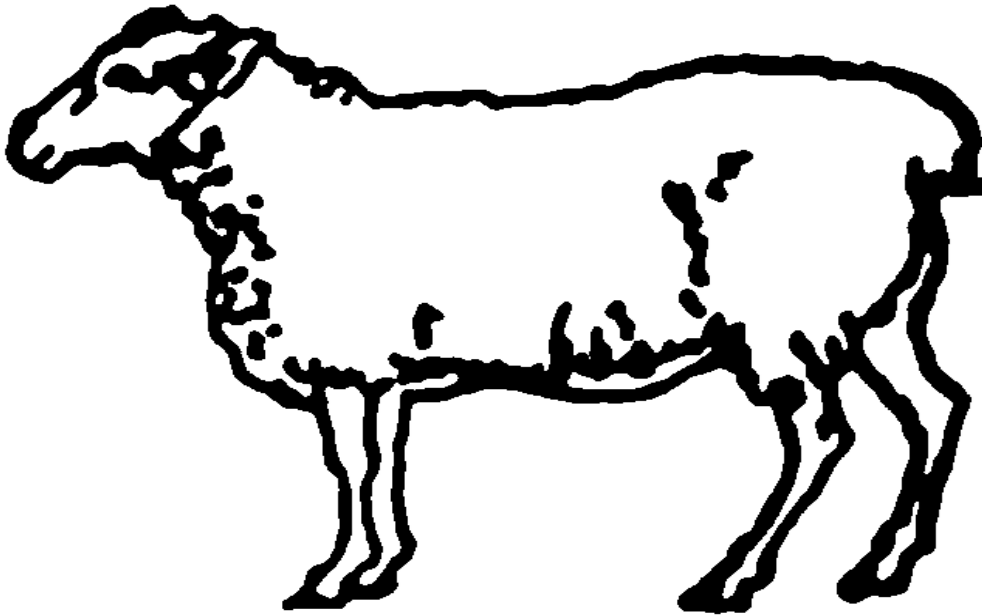
(c) Give the reason for your answer in (b) above.

.....

- (d) Mention any **one** factor that can make the vector above to spread malaria to a person even when in a treated mosquito net.

.....

55. The diagram below shows a farm practice done in sheep rearing. Study and use it to answer the questions that follow.



- (a) Name the farm practice shown above.

.....

- (b) State any **one** reason why the above farm practice is carried out.

.....

- (c) Identify any **two** advantages of carrying out the above farm practice.

(i)

(ii)



END