

GREENHILL ACADEMY

PRE-PLE EXTERNAL EXAMINATION

CLASS : P.7
 SUBJECT : INTEGRATED SCIENCE
 DURATION: 2 HOURS 15 MINUTES

Index No.

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Candidates Name

Candidates' Signature

District Name

Read the following instructions carefully:

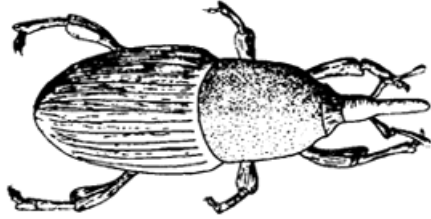
1. The paper has **two** sections **A** and **B**.
2. Answer **all** questions. **All** answers to both Sections **A** and **B must** be written in the Spaces provided.
3. **All** answers must be written using a **blue or black ball-point pen or ink**.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do **not** fill anything in the boxes indicated **"For Examiners' Use Only"** and those 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 – 52		
53 – 55		
Total		

1. Name any one type of poultry.

2. Identify any **one** health habit that should be practiced by a P7 pupil after eating food.

The diagram below shows a plant pest. Study it and answer question 3.



3. Identify the part of a banana plant affected by the pest above.

4. Why is a convalescent grouped under vulnerable persons?

5. Why is it not advisable to use water to put out petrol fires?

6. What is the role of leguminous crops in a crop rotation garden?

7. How are images formed on the film of a lens camera similar to those formed on the retina of the human eye?

8. Why do doctors sterilize clinical thermometers using alcohol but not boiling?

9. How is the pelvis found in the kidney important during excretion of urine?

10. Suggest any **one** role of a health prefect in your school?

11. Why are windows put at a lower level than the ventilators on a dwelling house?

12. Identify any one social practice that can lead to the spread of AIDS.

13. Mention the substance that causes ripening of fruits.

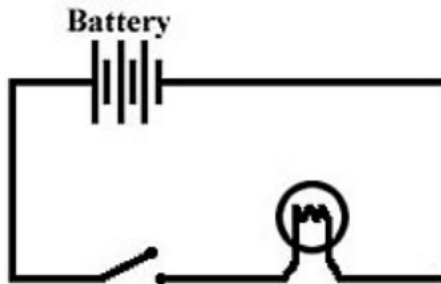
14. In the space below, draw a bean seed and show the cotyledon.

15. Identify the property of air that enables a P.1 child to play with a kite.

16. Which PIASCY message prevents a P7 girl from becoming pregnant?

17. Briefly explain one effect of antisocial behavior to the people in the community.

18. On the diagram of an electric circuit below, use arrows to show the flow of electrons.



19. Mention any one cause of malnutrition in our homes.

20. Suggest any one way of controlling accidents on roads in Uganda.

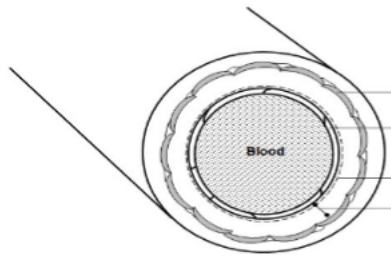
21. What is the importance of keeping records on farms?

22. State any one advantage of using a VIP latrine over using a conventional pit latrine

23. What is the immediate result of fertilization in flowering plants??

24. Briefly explain how wind is useful to crop farmers.

25. The diagram below shows a blood vessel. How useful is it in the body?



26. Name any one example of a social insect.

27. How do plants depend on animals in the environment?

28. In which way are saanen goats similar to Friesian cows?

29. Why are we advised to brush our teeth after every meal??

30. Suggest any one way of making water clean?

31. Why are we advised to wear clean clothes after bathing?

32. Why do traffic police arrest people who drive cars after drinking alcohol?

33. How is hardening off an important farming practice?

34. How is friction useful to a car driver?

35. Why are house flies grouped under arthropods?

36. In which way is drinking contaminated water dangerous to our health?

37. Mention any **one** way of controlling hook worm infection.

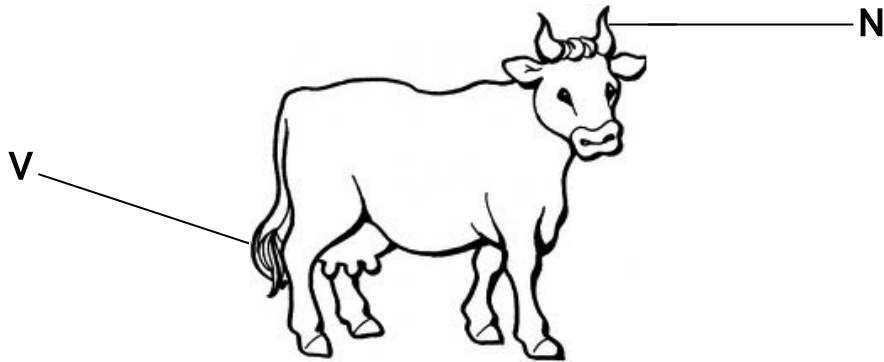
38. How do farmers control diseases in rabbits?

39. State the importance of keeping fish in ponds near homes.

40. Name the structures in the alimentary canal of a bird that used to crush food in the gizzard.

SECTION B (60 marks)

41. The diagram shows a domestic animal. Use it to answer the following questions.



(a) Name the domestic animal drawn above.

(b) How is the part **V** useful to the animal drawn above?

(c) Mention any one product got from the above animal.

(d) State any one practice that can harm the above animal in the field.

42 a) Apart from drought, identify any other **two** natural causes of environmental degradation?

(i) _____

(ii) _____

(b) Outline any **two** dangers of drought to people.

(i) _____

(ii) _____

43. Name any **one** skin disease caused by a fungus.

(b) Give any **two** activities you can carry out to keep your skin healthy.

(i) _____

(ii) _____

(c) How is the melanin found in the skin important?

44. Match the vaccines in A to their sites in B correctly.

A

B

(a) Polio vaccine

left upper arm

(b) BCG vaccine

in the mouth

(c) Polio vaccine

the right thigh

(d) DPT vaccine

left upper thigh

Right upper arm

(a) Polio

(b) BCG vaccine

(c) Polio vaccine

(d) DPT vaccine

45. a) State any **two** ways how a person mixing ORS can prevent contaminating the solution.

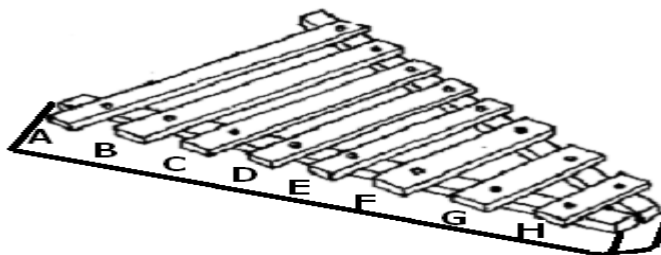
i) _____

ii) _____

b) Mention the most important solvent used when mixing ORS.

c) How is the sugar used to make ORS important to a dehydrated child?

46. Below is a musical instrument. Use it to answer the questions that follow.



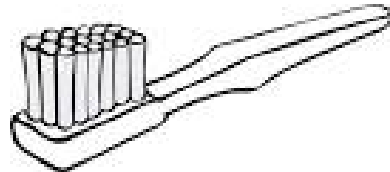
(a) Name the musical instrument above.

(b) How does the instrument above produce sound?

(c) Identify the part which will produce the highest sound.

(d) Give a reason to support your answer in (c) above.

47. The diagram shows a tool used to promote personal hygiene. Use it to answer the questions that follow.



a) How is the above item useful to a P7 candidate?

b) Mention the body organ cleaned using the above item.

b) Apart from the above item, mention one other material that can be used to keep the body organ in (b) in a proper working condition.

c) State any one disease prevented by using the above item.

48. (a) Briefly explain the term food preservation.

b) Why should food be preserved?

c) Suggest the different methods which can be used to preserve the following food stuffs.

i) cassava _____

ii) fish _____

49. (a) Write down the process of making alcohol.

(b) How can alcohol be a problem to a community?

(c) Which weather instrument uses alcohol?

(d) Give any **one** use of alcohol to people.

50. (a) Briefly explain the term germination.

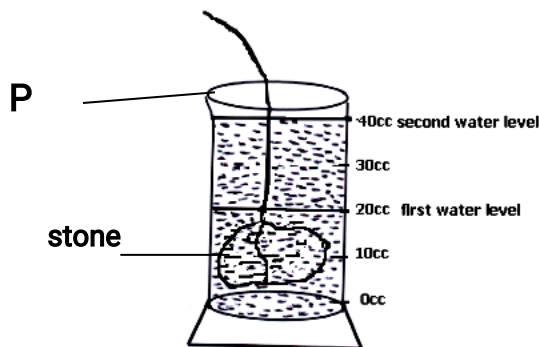
(b) Besides warmth, name any other **two** conditions necessary for seed germination.

(i) _____

(ii) _____

(c) How is warmth useful during seed germination?

51. The **diagram below shows a way of finding the volume of a stone.** Use it to answer questions below.



(a) Name the instrument labelled **P**.

(b) Give the use of the string in the above experiment.

(c) Find the volume of the stone.

(2 marks)

52. (a) Name any two water resources that can be used as food.

(i) _____

(ii) _____

(b) State any one way of getting the above resource from the water body.

(c) How can people conserve the above water resources?

53. (a) Name any **one** example of an essential drug.

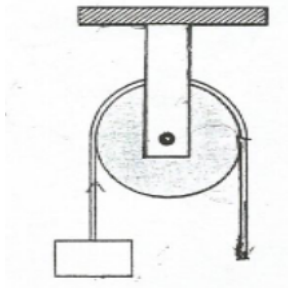
(b) Give any **one** condition needed for proper storage of essential drugs.

(c) Write **two** life styles that P.6 Pupils can develop to safeguard against drug dependence.

(i) _____

(ii) _____

54. The diagram below shows a simple machine.



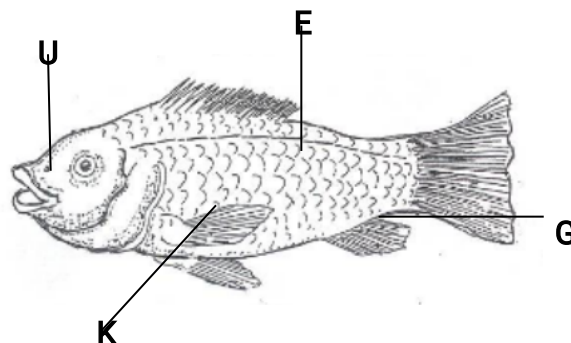
(a) Identify the pulley system above.

(b) How does the machine above simplify work?

(c) What distance will the effort move if the load moves 8 m?

(d) State **one** uses of the above machine to people.

55. The diagram below shows water animal. Use it to answer questions that follow.



(a) Name the parts marked **K** and **G**.

(i) **F** _____ (ii) **G** _____

(b) How is part **U** useful to a fish?

(c) How does the animal above reproduce?

END