

GREENHILL PRIMARY SCHOOL BUWAATE

PRE- MIDTERM TWO EXAMINATION 2023

CLASS : P . 7

SUBJECT : INTEGRATED SCIENCE

DURATION : 2 hours 15 minutes.

Name: _____ **Stream:** _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instructions carefully.

1. This paper is made up of two Sections: A and B.
2. Answers to both sections must be written in the spaces provided in full sentences.
3. Section A has 40 questions (40 marks)
4. Section B has 15 questions (60 marks)
5. Attempt all questions. All answers to both sections A and B must be written in the spaces provided.
6. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will **NOT** be marked.
7. Crossing out of answers will lead to loss of marks.
8. Any handwriting that cannot be easily read may lead to loss of marks.

FOR EXAMINERS USE ONLY		
QN. NO.	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		

SECTION A:

1. Name the part of air used by a bean plant to make starch.

2. Why is a dry season more suitable for making bricks than a wet season?

3. Why should one use clean safe water when brushing teeth?

4. **The diagram below is of a light ray, use the letters given to determine the source of light.**



At what point is light coming from?

5. How do mulches contribute to the formation of soil?

6. Lutwetwe's body temperature was measured and it was 39.1°C . What first aid would you recommend for him?

7. Identify the part of a plant that allows transpiration to take place.

8. How is melting and evaporation similar as physical changes?

9. Write any **one** condition in which your finger nails can become a health problem.

10. State any **one**-way East coast fever can be controlled on a cattle farm.

11. Write any **one** living thing involved in the formation of rain.

12. Write down the type of bee responsible for the protection of the hive.

13. **Complete the diagram below by placing arrows on the line to show repulsion.**



14. How do cattle support bio gas production?

15. What is the difference between warm-blooded and cold-blooded animals?

16. Identify any **one** natural and non-living source of sound in the environment.

17. Give **one** danger of sleeping under a mosquito net that has holes in it.

18. State the method in which alcohol is made.

19. Write **one** natural cause of environmental degradation.

20. Give any **one** requirement for starting an animal keeping project.

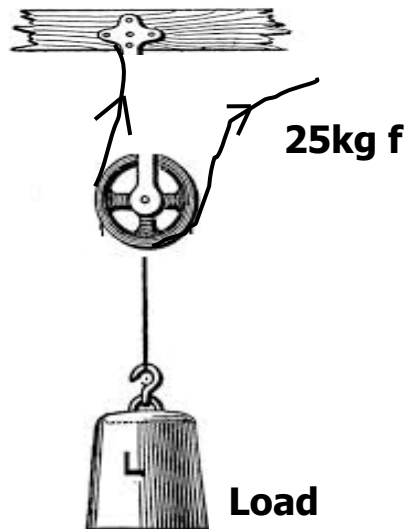
21. What energy change takes place when firewood burns?

22. How would you lift a hot pan from fire without getting burnt?

23. Write down any **one** material people can use to manage rainy weather.

24. How can the effect of fast running water be controlled in the garden?

The diagram below is a simple machine. Use it to answer question 25.



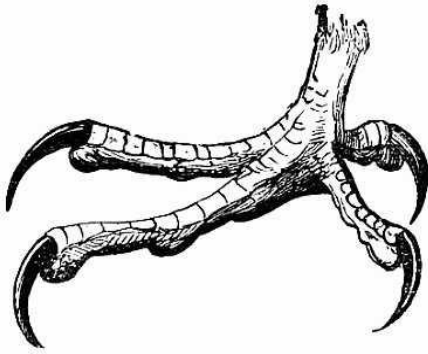
25. Calculate the load that can be lifted using the effort shown on the above pulley.

26. Wambwa was given this drug to treat malaria this year.



Why would you advise Wambwa not to take the above drug?

27. The diagram below shows a foot of a bird.



Name **one** example of a bird with such a foot.

28. How does leaving food uncovered make it unsafe for eating?

29. Give **one** way in which open water sources can be polluted.

30. State **one** importance of feathers to all birds.

31. Which function of the ear is similar to that of the brain?

32. What is puberty?

33. State any **one** advantage of bottle feeding.

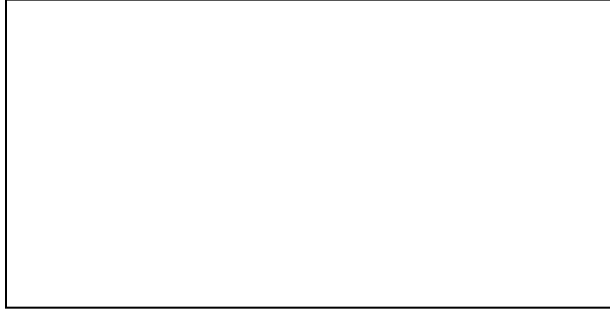
34. Write any **one** effect of accidents to people in our community.

35. Apart from cassava and sweet potatoes, name **one** other root tuber.

36. Name any **one** place in your community where immunization of children can be carried out.

37. Write down any **one** danger of the sun.

38. Draw the blood component which is affected by the Human Immunodeficiency Virus.



39. State any **one** danger that can break out as a result of not flushing a toilet after use.

40. Name the site at which the Hib vaccine is administered in babies.

SECTION B

41. (a) In **one** sentence, give the meaning of the term weathering.

(b) Identify the layer of soil which has more living things.

(c) State any **two** ways of maintaining the ability of soil to support proper plant growth.

(i)

(ii)

42. (a) What is **PHC**?

(b) Give any **one** element of **PHC**.

(c) Identify any **one** group of people with special needs in the community.

(d) How can you care for the group of people you have identified in (b) above.

43. (a) Name the intestinal worms that infest into the human body through the following ways:

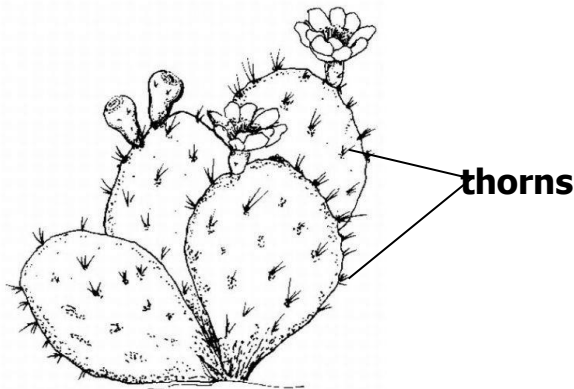
(i) Eating half cooked meat _____

(ii) Through the skin _____

(b) Give any **one** effect of worms to the human body.

(c) How can worm infestation be prevented in children?

44. **The diagram below is of a flowering plant. Use it to answer questions that follow.**



(a) Name the type of environment where the above plant is commonly found.

(b) Why are the leaves of the above plant modified into thorns?

(c) How is sunlight important to the plant above?

(d) Why is the plant above grouped under flowering plants?

45. (a) Write down any **two** diseases associated with drinking contaminated water.

(i) _____

(ii) _____

(b) Give any **one** method of preparing clean water for drinking.

(c) How can water vector diseases be controlled?

46. (a) Write down **two** energy resources which are living things.

(i) _____

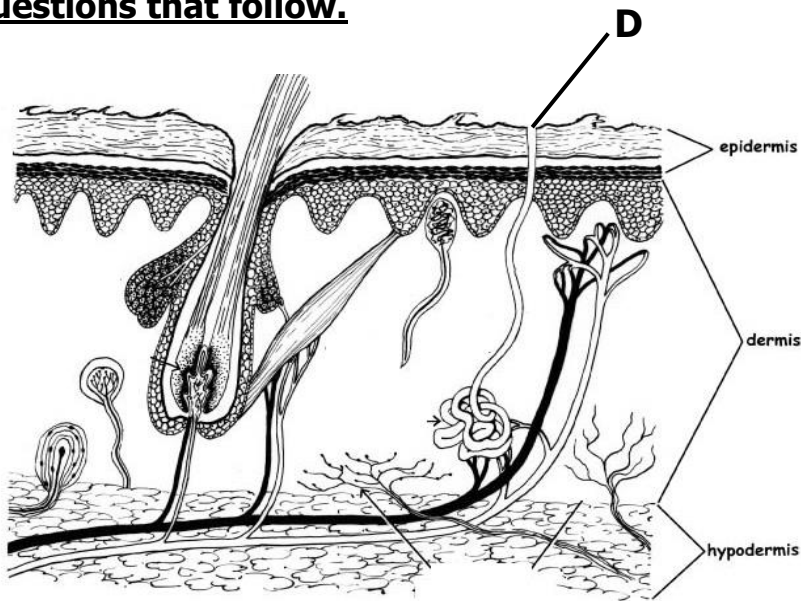
(ii) _____

(b) Give any **two** ways of conserving energy resources from living things.

(i) _____

(ii) _____

47. **The diagram below shows one of the body organs. Use it to answer the questions that follow.**



(a) Name part marked by letter **D**.

(b) Name the body system from which the organ above belongs.

(c) Give any **one** function of the body organ above.

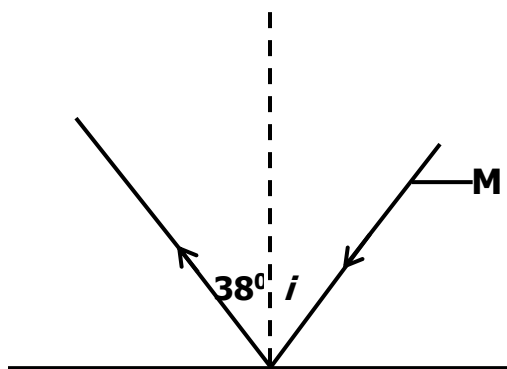
(d) Write down any **one** disorder of the above body organ.

48. Match the garden tools below with their function correctly.

<u>Item</u>	<u>Use</u>
(i) Watering can	Pruning
(ii) Secateur	Harvesting cereals
(iii) Axe	irrigation
(iv) sickle	cutting big trees
(v) Panga	

(i) Watering can	_____
(ii) Secateur	_____
(iii) Axe	_____
(iv) Sickle	_____

49. The diagram below shows effect of light on sunny smooth surfaces.



(a) Name the light ray marked **M**.

(b) Calculate angle **i**.

(2 marks)

(c) State any **one** law of reflection of light.

50. (a) Name any **one** habitat of wild animals.

(b) Give **one** example of a wild bird.

(c) State any **two** ways of caring for wild birds and animals.

(i)

(ii)

51. (a) State any **two** ways we do each day to keep clean.

(i)

(ii)

(b) Identify any **one** item we use each day to keep clean.

(c) What may go wrong if we do not keep clean?

52. (a) Name any **one** example of a long bone in the human skeleton.

(b) State any **one** function of the muscular skeletal system.

(c) Identify any **two** health habits that keep the muscular skeletal system in good working conditions.

(i)

(ii)

53. (a) What is a weed?

(b) Name any **one** common weed in your community.

(c) How are weeds dangerous to crops?

(d) Give any **one** control measure of reducing weeds in a garden.

54. The diagram below is of a part of an animal. Use it to answer the questions that follow



- (a) Name the farm practice shown above.
- _____
- (b) How is the above practice important in animal management?
- _____
- (c) Write down any **two** other practices that may harm cattle on the farm.
- (i) _____
- (ii) _____
55. In four sentences, explain how you would recover salt from a mixture of sand.
- (i) _____
- (ii) _____
- (iii) _____
- (iv) _____

***** **END** *****