

GREENHILL ACADEMY

PRIMARY SCHOOL

PRE-END OF TERM 2 SET 2 EXAMINATIONS 2023

CLASS : P.7

SUBJECT : INTEGRATED SCIENCE

TIME ALLOWED : 2 HOURS 15 MINUTES

Name _____ Stream _____

Index no.

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Campus _____

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.Section A has 40 questions (40 marks)

3.Section B has 15 questions (60 marks)

4.Attempt all questions. All answers to both sections A and B must be written in the spaces provided.

5.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.

6.Crossing out of answers will lead to loss of marks.

7.Any handwriting that cannot be easily read may lead to loss of marks.

8.Wrong spelling will 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		
TOTAL		

SECTION A.

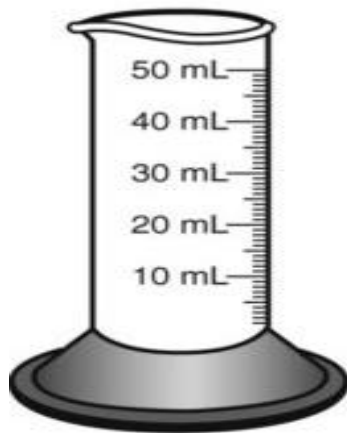
1. Name any one form of energy produced by a working charcoal stove.

2. Give any one importance of clouds in our environment.

- Write any one cause of drug abuse among adolescents. 3.

4. Identify any one force a pulley overcomes when raising a load.

The diagram below shows a common tool used in science experiments. Use it to answer question number 5.



5. Give the use of the above tool to a science class.

6. How are ferns similar to liverworts?

- Write any one way of keeping kidneys in a good working condition. 7.

8. What are arthropods?

9. How is a health survey important to a community?

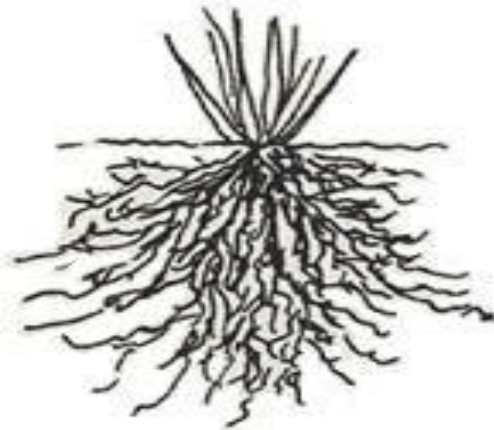
10. Give one cause of soil exhaustion in crop growing.

11. Name the immunisable disease people can get through dirty wounds.

12. Give one way in which a farmer can prevent contamination of milk during the process of milking.

13. Write any one natural change that can displace people in an area.

The diagram below shows a root system.



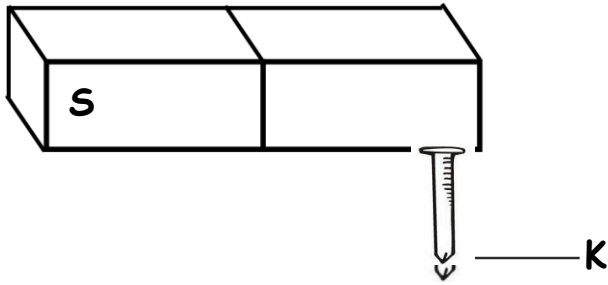
14. Identify the group of flowering plants that develops the root system above.

15. Why are school children advised to abstain from sex?

16. Name the part of the human alimentary canal where fats are first digested.

17. How can animals be used as energy resources?

The diagram below shows a nail attracted by a bar magnet. Use it to answer question 18.



18.Name the pole marked K above.

19.Identify any one material people can use to make farm yard manure.

20.Write any one importance of windy weather in the environment.

21.Give one way farmers can prevent their bees from swarming.

22.Besides baking, give one other human activity where yeast can be used.

23.Identify one method of preserving food where heat is not used.

24.Write any one effect of teenage pregnancy to girls.

25.In the space below, draw a clear diagram of a garden tool used for transplanting seedlings.



26. Apart from brushing teeth after every meal, how else can people prevent tooth decay?

27. Give any one way plants depend on each other in the environment.

28. How can echoes be dangerous to people?

The diagram below shows a wild bird. Use it to answer questions that follow.



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

30. Give any one importance of the above bird in our environment.

31. Which vaccine is given to babies to protect them against whooping cough?

32. Name the farm practice that makes mating easy in sheep.

33. How are muscles important in the human body?

34. Give one sanitary activity that can reduce housefly infestation in a home.

35. Write any one use of nitrogen gas in our environment.

36. How can too much wax in the auditory canal affect the ear?

37. Name the part of a flower that receives pollen grains during pollination.

The diagram below shows a lens. Use it to answer the question that



follows.

38. Identify the eye defect corrected by the lens above.

39. Write one danger of sharing a water source with animals.

40. State any one reason why people make sound.

SECTION B.

41. Give any two activities carried out under the following elements of PHC;

(a) Maternal and child health care.

(i) _____

(ii) _____

(b) Control of communicable diseases.

(i) _____

(ii) _____

42. Study and complete the table below correctly.

Farm practice	Tool used	Importance
_____	syringe and needle	To control animal diseases.
Castration	_____	To control inbreeding.
Deworming	drenching gun	_____
Dehorning	dehorner	_____

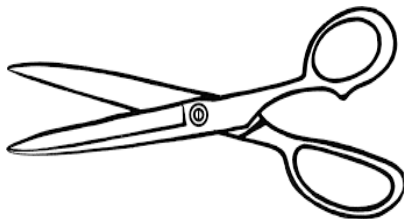
43.(a) Name the main respiratory organs in the human body.

(b) Give the function of each of the following in the respiratory system. (i)
cilia _____

(ii) Epiglottis _____

(c) Write **one** habit that can damage the respiratory system.

The diagram below shows a lever. Use it to answer question 44.



44.(a) Write the class of levers to which the above tool belongs.

(b) Give a reason for your answer in question (a) above.

- (c) Use letter 'P' to show the position of the load on the diagram above.
- (d) Identify any one other lever in the same class as the one above.

45.(a) Besides broadcasting, name one other method of planting seeds.

Give one advantage of the broadcasting method of planting. (b)

- (c) Write one non-seed material that can be used in the propagation of plants.

Identify any one condition that may fail a seed to germinate. (d)

46.(a)

Name the process by which clouds are formed from water vapour.

-
- (b) Give the function of the following in the water cycle.

(i) The sun _____

(ii) Trees _____

- (c) Write one human activity that can affect the water cycle.

The diagram below is about a change in states of matter. Use it to answer question 47.



47.(a) In which state of matter is substance X?

(b) Name the type of change shown above.

(c) What happens to the volume of the above substance after melting?

(d) How would you turn substance X into ice again?

48.(a) Give any one example of a health centre.

(b) Write any one health service that is provided to people at a health centre.

Identify one condition that may require you to visit a health centre. (c)

(d) Name any one group of people who work at a health centre.

Study the food chain below and use it to answer question 49.

hen

grasshopper

grass

49.(a) Put arrows in the food chain above to show the flow of energy.

(b) Identify the producer and secondary consumer in the food chain above. (i)
producer _____

(ii) secondary consumer _____

Give the role of bacteria and fungi in a food chain. (c)

50.(a) Give any one use of plane mirrors to people.

(b) Write any two characteristics of images formed in plane mirrors.

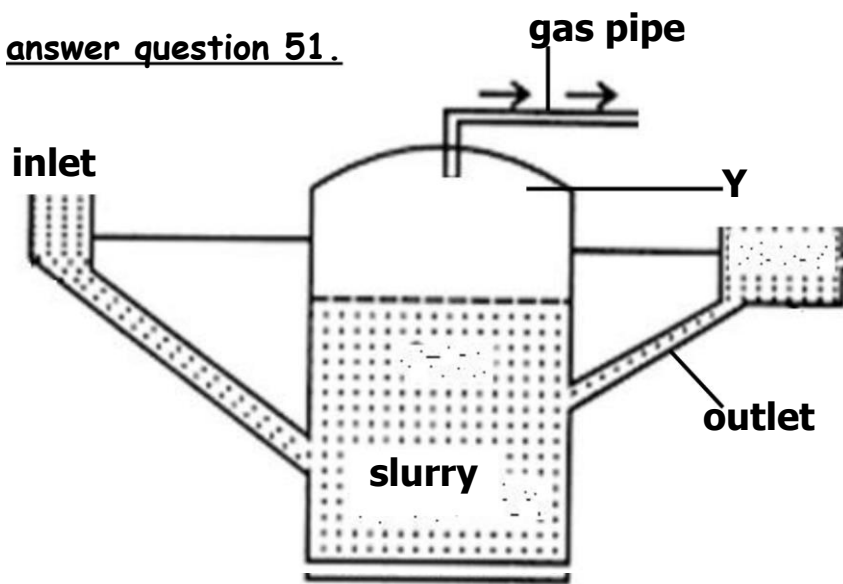
(i) _____

(ii) _____

(c) Name the type of reflection that takes place on plane mirrors.

51. The diagram below shows an equipment used to make a gas fuel. Use it to

answer question 51.



(a) Name the equipment above.

(b) Identify one material that can be used in the equipment above.

(c) Identify the gas mainly found at part marked Y.

(d) Give one importance of the gas that is produced in the equipment above.

52.(a) Give the use of the following parts of an electric circuit.

(i) dry cells _____

(ii) wire _____

(b) Write two factors that can fail a bulb to light when a circuit is completed.

(i) _____

(ii) _____

53. (a) Identify any two deficiency diseases caused by lack of vitamins in the diet.

(i) _____

(ii) _____

(b) Why are deficiency diseases grouped under non-communicable diseases?

(c) How best can deficiency diseases be prevented among children?

_____ 54.(a)

Write one example of each of the following groups of mammals.

(i) Pouched mammals _____

Omnivorous mammals _____ (ii)

(b) Give one similarity between mammals and birds.

(c) Why do most mammals have fur on their bodies?

55.(a) Name any two types of chicken.

(i) _____

(ii) _____

(b) Why are crushed snail shells added to poultry feeds?

(c) Identify one cause of low egg production in chicken.
