



HILLSIDE PRIMARY SCHOOL
PRE REGISTRATION EXAMINATIONS

2024

INTEGRATED SCIENCE (SET TWO)

Time Allowed: 2 Hours 15 Minutes

Name.....

Date

Stream.....

Read the following instructions carefully

1. The paper has **two** sections: **A** and **B**.
Section A has 40 questions and Section B has 15 questions
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 fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. Unnecessary changes in 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 boxes indicated: **"For Examiners' Use Only"** and those inside the paper.

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

SECTION A (40 Marks)

1. Define the term matter.

.....
.....

2. Name the gas that is used by plants to make their own food.

.....

3. What causes COVID-19 ?

.....

4. Identify any one state of matter through which heat travels by conduction.

.....

5. Why is it important to give first aid to a casualty?

.....
.....

6. Why should a living house have proper ventilation system.

.....
.....

7. Give any one example of fruit crops.

.....
.....

8. State any one cause of dehydration in babies.

.....

9. Identify any one method of milking cattle.

.....
.....

10. State any one effect of heat on matter.

.....
.....

11. Write down any one example of a disease which can be prevented by drinking clean boiled water.

.....

12. What does the word "syndrome" mean in the word AIDS?

.....
.....

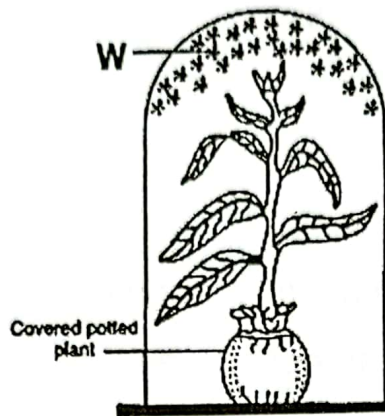
13. Name any one form of energy obtained from the sun?

.....
.....

14. State any one vaccine given to infants at birth.

.....

Study the diagram below carefully and use it to answer the questions that follow.



15. Identify the process in plants represented by the diagram above.

.....

16. Name the parts marked with letter W

.....

17. Name the gas that is used in fire extinguishers to put out fire.

.....

18. How can we protect ourselves against tape infestation?

.....

.....

19. Why are we always encouraged to always feed on a balance?

.....

20. Mention any one eating habit that can lead to constipation.

.....

21. Suggest any one danger of eating unwashed fruits

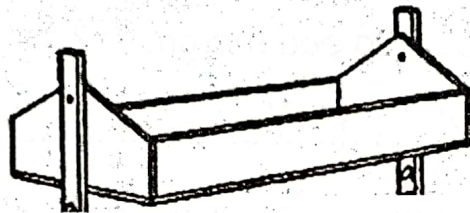
.....

22. Identify the class of food obtained from beans, fish and milk.

.....

The diagram below shows an item found in a poultry house.

Use it to answer questions 23 and 24.



23. Name the farm item shown above.

.....

24. How is the item shown above important in a poultry house?

.....

.....

25. State the importance of skull to a human being.

.....

.....

26. Name the digestive enzyme produced in the human stomach.

.....

27. Give any one reason why we should always follow the doctor's advice when taking drugs.

.....
.....

28. Name any one product got from milk.

.....

29. Point out any one sign or symptom of malaria in babies.

.....
.....

30. How important is a blubber to sea mammals?

.....
.....

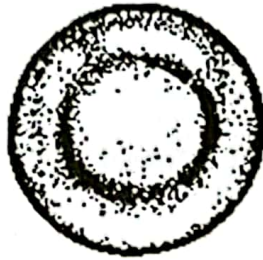
31. Mention any one cause of soil erosion.

.....
.....

32. By what process does heat from the sun reach the earth?

.....
.....

33. State the function of the blood cell shown below.



.....

.....

34. How are the air sacs important in the lungs?

.....

.....

35. How is the aorta important in the body?

.....

.....

36. Name the part of a mushroom which produces and stores spores.

.....

37. Why are we advised to always wash hands after visiting a toilet or latrine?

.....

.....

38. What is adolescence?

.....
.....

39. State any one characteristic of insect pollinated flowers?

.....
.....

40. Name the part of the ear that changes sound vibrations into nerves impulses.

.....
.....

SECTION B (60 Marks)

41. a) What is meant by the "temperature"

.....
.....

b) Name the instrument used to measure human temperature.

.....
.....

c) Give any two thermometric liquids used in six's thermometer

(i).....

(ii).....

42 (a) State any two functions of a leaf to a plant.

(i).....

(ii).....

(b) Identify any one raw material used by plants to make food.

.....

(c) How do animals benefit from the process of photosynthesis?

.....

.....

43. a) State any two characteristics of insects.

(i).....

(ii).....

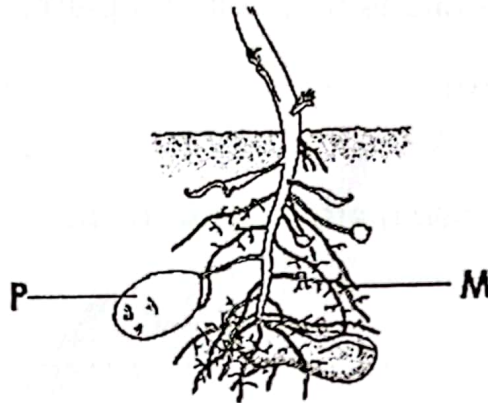
(b) Which part of an insect helps to balance in air during flight?

.....

(c) How are houseflies important in a pit latrine?

.....
.....

44. The diagram below shows a stem tuber. Use it to answer the questions that follow.



(a) Name the part marked P

.....

(b) Give the importance of the part marked with letter M

.....
.....

(c) Name the food value obtained from the tuber.

.....

(d) Name one other plant that belong to the same group that the above

.....

45. (a) What do we call the manufactured food for rabbits?

.....

b) Give three examples of exotic breeds of rabbits.

(i).....

(ii).....

(iii).....

46. (a) What are vertebrates?

.....

.....

(b) Give two groups of vertebrates which are warm blooded.

(i).....

(ii).....

(c) Why are reptiles grouped under cold blooded vertebrates?

.....

.....

47. a) Give any two ways of controlling crop pests.

(i).....

(ii).....

(b) Why is a panga called a gargon tool.

.....

(c) Give one way of caring for garden tools

.....

48. a) Suggest any two importance of wind in the environment.

(i).....

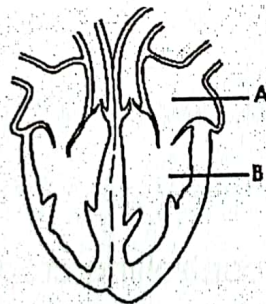
(ii).....

b) Give any two ways wind can be dangerous in the environment.

(i).....

(ii).....

49. The diagram below shows the human heart . Use it to answer the questions below



a) Name the parts

(i)A.....

(ii)B.....

b) Mention any one disease that affects the above organ.

.....

c) How can we care for the above organ?

.....
.....

50. (a) Give any one example of weeds.

.....

(b) Give one disadvantage of weeds in the garden

.....
.....

(c) Point out any two ways of controlling weeds in the garden

(i).....

(ii).....

51. a) Name any one drug found in tobacco.

.....

(b) Give two reasons why people smoke.

(i).....

(ii).....

(c) How is tobacco growing important in a community?

.....
.....

52. a) Give two importance of mulching to a farmer.

(i).....

(ii).....

(b) State any one mulching material.

.....

(c) Give any one disadvantage of mulching to a farmer.

.....

.....

53. a) Mention any two activities carried out to promote immunisation

(i).....

(ii).....

b) Write in full the following as using blood circulation.

WBC.....

RBC.....

54. Use the diagram below to answer the questions that follow.



(a) Name the practice shown above.

.....

(b) Why do farmers carry out the above practice on a farm?

(i).....

(ii).....

(c) Outline any one disease that affects poultry on a farm.

.....

55. (a) Give any two reasons why people eat food.

(i).....

(ii).....

(b) Write the first 2Fs as used in 4Fs.

(ii).....

(ii).....

Good Luck.