



**HILLSIDE PRIMARY SCHOOL- NAALYA**  
**MID TERM ONE**

**P.6 MID-TERM I EXAMINATION - 2024**

**INTEGRATED SCIENCE**

***Time allowed : 2 hours 15 minutes***

Name of Candidate .....

Name of School.....

Name of District.....

**Read the following instructions carefully;**

1. This paper has **two** sections: **A** and **B**.  
Section **A** has **40** questions and section **B** has **15** questions.
2. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working must be done using a **blue** or **black** ball-point pen or fountain pen. Any work done in pencil other than graphs, pictures and diagrams will **not** be marked.
4. Unnecessary **changes** of work and any handwriting that cannot easily be read may lead to **loss of marks**.
5. Do **not** fill anything in the boxes indicated: **“For Examiners’ Use Only”** and boxes inside the question paper.

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

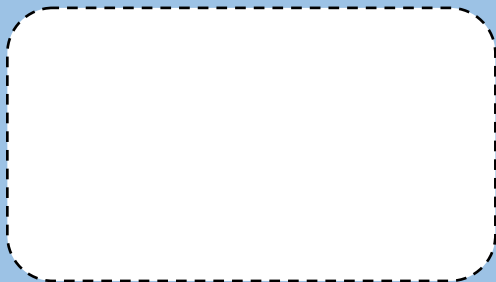
## SECTION A

1. Name the male reproductive cell in plants.  
.....
2. How is proper ventilation important in a living house?  
.....
3. Give the importance of the living component of soil.  
.....
4. Besides picking food, give one other importance of a beak to a bird.  
.....
5. What is the reason for mulching banana gardens?  
.....
6. Name the type of preservation where slow burning fire is used to dry food.  
.....
7. Give one pest which destroys the roots of root crops in the garden.  
.....
8. What feature enables a housefly to spread germs?  
.....
9. Give one example where bacteria are useful to man.  
.....
10. Why is Carbon dioxide used to preserve soft drinks like soda?  
.....
11. Give one main difference between plants and animals.  
.....  
.....
12. Mention one sign you would use to identify a compound fracture.  
.....
13. State any one sign of a dehydrated child.  
.....

14. Why is it important for parents to take their children for immunization?

.....

15. In the space provided below, draw the diagram to show a prop root.



16. State the use of a sickle to a farmer.

.....

17. Give the importance of a constriction in clinical thermometer.

.....

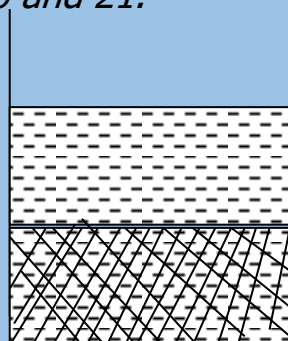
18. In which way are gills in fish adapted to their function?

.....

19. Name the body organ in humans used to detect sound.

.....

*The diagram below is of a water jar containing water and petrol. Use it to answer question 20 and 21.*



Water Jar

20. Using letter **Q**, indicate the space occupied by petrol.

21. Give a reason for your answer in number 20 above.

.....

22. Give one similarity between a spider and a tick.

.....

23. Give the importance of chlorophyll during the process of photosynthesis.

.....

24. Mention one way one can identify a poisonous snake.

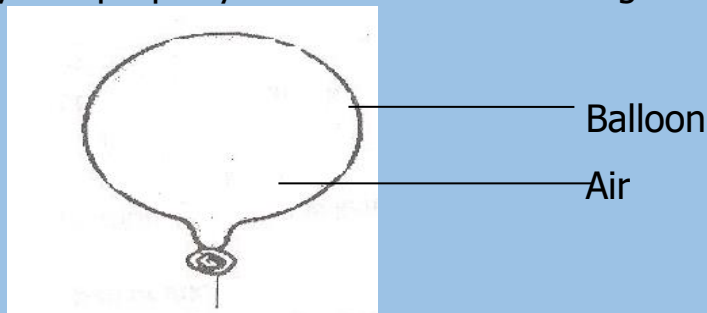
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25. State the type of change that takes place when a candle wax burns.  
.....
26. How do scavenger birds help to clean the environment?  
.....
27. How are sunken pads important on the legs of insects?  
.....
28. State any one example where conduction of heat is important to us.  
.....
29. In which way are the canine teeth adapted to their function?  
.....
30. How is a frog similar to a fish in terms of reproduction?  
.....
31. How does a tortoise protect itself from its enemies?  
.....
32. Name the state of matter in which sound travels fastest.  
.....
33. What is the importance of a web to a spider?  
.....
34. How do fish help in controlling the spread of malaria?  
.....
35. Mention one way in which communicable diseases are spread.  
.....
36. State any one way in which soil is important to insects.  
.....
37. Name the immunisable disease which enters our bodies through cuts and wounds.  
.....
38. What is a **First aid Kit**?  
.....  
.....

39. Mention any one way in which a biological change is similar to a chemical change.

.....

40. Give any one property of air shown in the diagram below.



.....

### **SECTION B**

*(Questions in this section carry 4 marks each)*

41. Peter mixed salt and water and stirred. All the crystals of salt disappeared in water.

a) What name is given to the new product?

.....

b) What does the salt act as in the experiment?

.....

c) What happened to the salt?

.....

d) How can the salt that disappeared be regained?

.....

42a) Apart from warmth and moisture, give one other condition needed for a seed to germinate.

.....

b) Give the type of germination that takes place in;

i) cereals

.....

ii) legumes

.....

c) What is the role of warmth during germination process?

.....

43a) Give the meaning of each of the following terms.

(i) **Homeothermic vertebrates**

.....

.....

(ii) **Poikilothermic vertebrates**

.....

.....

b) Give one example of each of the following.

(i) **Homeothermic vertebrates**

.....

(ii) **Poikilothermic vertebrates**

.....

44a) Briefly explain the following:

(i) Immunity

.....

.....

(ii) vaccines

.....

.....

b) Write down any vaccine given to babies at birth.

.....

c) Why is **DPT-Hep B-Hib vaccine** called a **Pentavalent vaccine**?

.....

45. a) How is sound produced?

.....

b) Why are nerve impulses from the ear carried to the brain?

.....

.....

c) Identify any two examples of musical instruments.

(i).....

(ii) .....

46a) What are Principles of Primary Health Care?

.....

.....

(b) Write down three elements of Primary Health Care.

(i).....

(ii) .....

.....

47a) What do we call the behaviour of objects that remain on top when dropped into water?

.....

b) Identify one way in which mass is different from volume.

.....

.....

(c) State the units for measuring capacity.

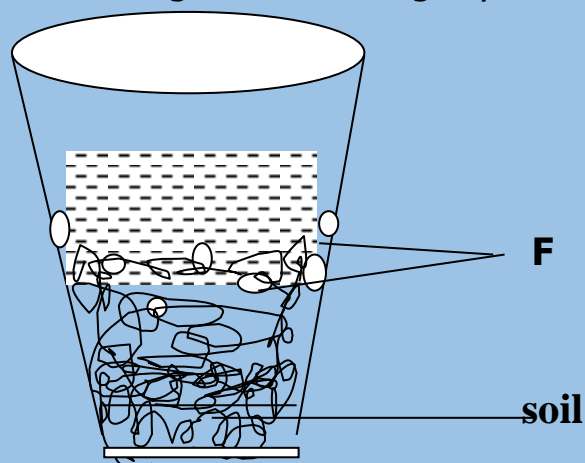
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(d) Find the volume of brick whose mass is 72g and density 6gm/cc.

.....

.....

48. Water was poured into a glass containing dry soil as shown in the diagram below.



a) Name the structure marked **F**.

.....

b) What do structures labeled **F** prove about soil?

.....

.....

c) Mention two factors that promote formation of soil by weathering.

(i) .....

(ii) .....

49. a) Where in the body of a mammal does digestion end?

.....

b) Give the non-digestive function of the tongue in the mouth of a human being.

.....

c) State the function of the bile.

.....

(d) Which disorder results from lack of enough water or roughage.

.....

50a) Apart from malaria, mention one other mosquito borne disease.

.....

b) Mention three ways of preventing the above disease without using drugs.

(i) .....

(ii) .....

(ii) .....

51. Match the deficiency disease in list A to its cause in list B.

**LIST A**

Kwashiorkor  
Marasmus  
Goitre  
Night blindness

**LIST B**

inadequate vitamin A in the diet.  
lack of vitamin B1 in the diet.  
lack of proteins in the diet.  
insufficient carbohydrates in the diet.  
Inadequate iodine in the diet.

a) kwashiorkor .....

b) Marasmus .....



- c) Goitre .....
- d) Night blindness .....

52a) Name the most developed group of mammals.

.....

- b) Give one way in which the above group of mammals is different from other groups.

.....

- c) Mention two ways in which birds are adapted to flying apart from having wings.

(i) .....

(ii) .....

53a) What are "**Farm records**".

.....

- b) Write down three importance of keeping records in the farm.

(i) .....

(ii) .....

(iii) .....

54a) How is a sticky tongue important to a chameleon?

.....

- b) Apart from hiding away from enemies, give one other importance of camouflaging to a chameleon.

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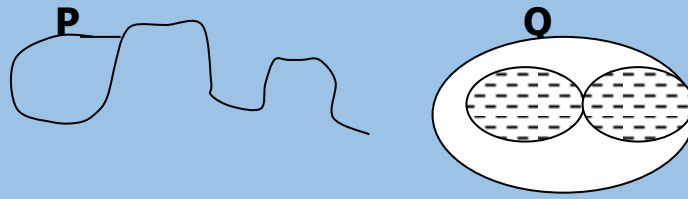
- c) Give one health importance of a chameleon in the environment

.....

- (d) Which group of animals does a chameleon belong?

.....

55. The diagram below show types of bacteria. Use them to answer questions that follow.



a) Name the type of bacteria marked.

i) **P**.....

ii) **Q**.....

b) State the disease each of the bacteria labeled P and Q cause.

(i) **P** .....

(ii) **Q** .....

END