



HILLSIDE PRIMARY SCHOOL-NAALYA  
BEGINNING OF TERM THREE EXAMINATIONS  
PRIMARY SEVEN 2022  
INTEGRATED SCIENCE (SET SEVEN)  
Time Allowed: 2 Hours 15 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

EMIS No..... Stream .....

District Name.....

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)

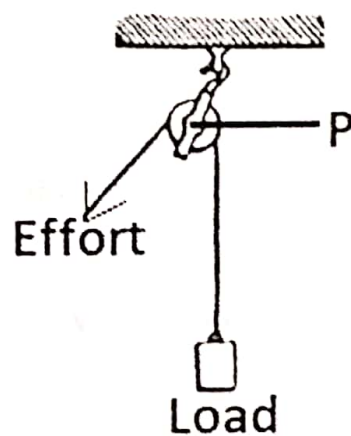
1. Give any **one** practice that promotes oral health.

.....  
.....

2. Identify any **one** grazing system used in the rearing of cattle.

.....

The diagram below shows a simple machine. Use it to answer questions 3 and 4.



3. Name the pulley system shown above.

.....

4. How can friction be reduced at point **P**?

.....  
.....

5. State any **one** property of air.

.....  
.....

6. What is pollination?

.....  
.....

7. What type of change is rusting?

.....

8. Mention any **one** condition needed by a seed to germinate.

.....

.....

9. Name the weather instrument used to show the direction of wind.

.....

10. What is the importance of washing hands after visiting a toilet?

.....

.....

11. Which body organ is greatly affected by alcohol?

.....

12. Give **one** block in a food path.

.....

13. Identify the disease the person below is suffering from.



.....

14. How is the choroid adapted to its function of preventing internal reflection in the human eye?

.....

.....

15. Write down **one** process that helps in formation of soil.

.....

.....

16. Identify **one** product got from bees.

.....

.....

17. Write **PHC** in full.

.....

.....

18. Give **one** method of planting crops in the garden.

.....

.....

19. Where does the digestion of food begin?

.....

.....

20. Identify any **one** example of a magnetic material.

.....

.....

21. Mention any **one** example of a proboscidean mammal.

.....

.....

22. Give the meaning of the term **pitch** as used in sound.

.....

.....

23. Name **one** type of blood vessels in the body.

.....  
.....

24. Mention **one** method of artificial vegetative propagation.

.....  
.....

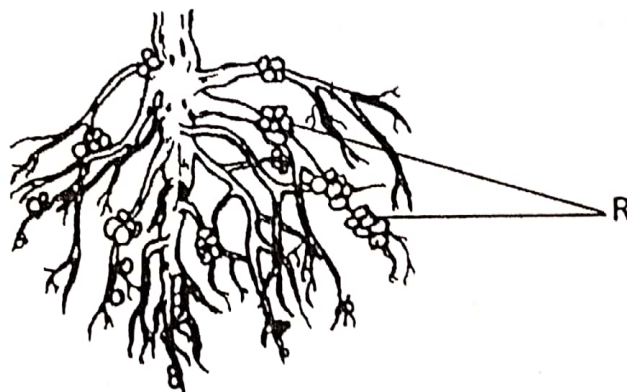
25. Give any **one** agent of soil erosion.

.....  
.....

26. Which disorder of the skeletal-muscular system is caused as a result of accumulation of lactic acid in muscles?

.....  
.....

The diagram below shows plant roots. Use it to answer questions 27 and 28.



27. Name part **R**

.....

28. State the function of part **R**.

.....  
.....



29. Identify any **one** milk breed of goats.

.....  
.....

30. Mention any **one** example of an animal fibre.

.....

31. State **one** way a baby acquires natural immunity.

.....  
.....

32. In the space below draw a leaf with reticulate leaf venation.

33. Give **one** example of a resource in the environment.

.....  
.....

34. Identify **one** way the spread of Tuberculosis can be prevented.

.....  
.....

35. Where does fertilization take place in a human being?

.....

36. Why is loam soil considered the type of soil suitable for crop growing?

.....

37. What is a joint?

.....  
.....

38. How do tapeworms enter our bodies?

.....  
.....

39. Name **one** reptile which has limbs.

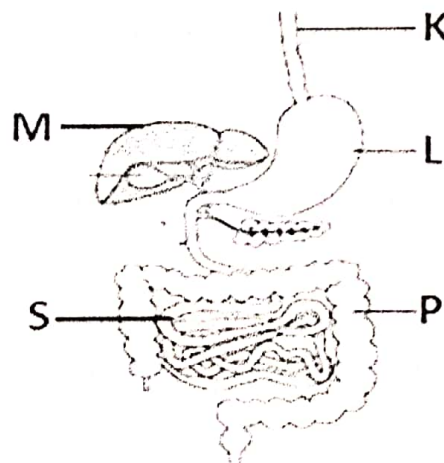
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40. State any **one** property of magnets.

.....  
.....

### SECTION B: (60 marks)

41. The diagram below shows a body system. Study it carefully and use it to answer the questions that follow.



(a) Identify the body system shown above.

.....

(b) Name the part marked **K**.

.....

(c) How is part **M** important during the digestion of food.

.....  
.....

(d) Give **one** disorder of the digestive system.

.....

42. (a) Name any **one** vaccine administered to babies at birth.

.....

(b) Point out **two** examples of childhood immunisable diseases.

(i) .....

(ii) .....

(c) Why are parents advised to take their children for immunization?

.....

.....

43. (a) List down **one** breed of rabbits kept by farmers in Uganda.

.....

(b) Give any **two** diseases that attack rabbits.

(i) .....

(ii) .....

(c) State any **one** way how diseases can be prevented in rabbits.

.....



44. Complete the table below correctly.

Disease	Cause	Signs and symptoms
Polio	.....	Fever and paralysis
.....	Amoeba/bacteria	Diarrhoea with blood in it
Cholera	.....	Vomiting and diarrhoea
Typhoid	Bacteria	.....

45. (a) Give **two** examples of spore bearing plants.

(i) .....

(ii) .....

(b) How is the reproduction in pines similar to that in millet?

.....

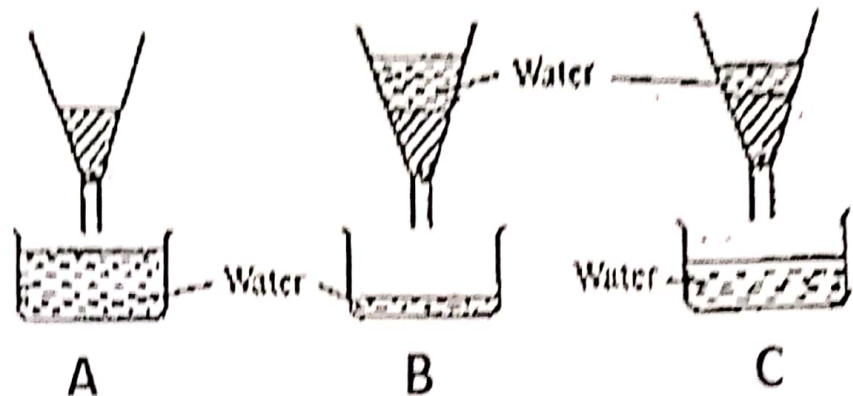
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(c) Write down **one** example of a flowering plant.

.....

.....

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



(a) Name the type soil marked **A** and **B**.

(i) **A**.....

(ii) **B**.....

(b) State any **two** uses of soil.

(i) .....

(ii) .....

47. **Re-arrange the following statements in correct order.**

- Measure one teaspoonful of salt and eight teaspoonful of sugar into the water.
- Measure one litre of clean boiled water in a clean container.
- Wash your hands with clean water and soap.
- Stir the mixture until it makes a solution.

**Correct order**

(i) .....

(ii) .....

(iii) .....

(iv) .....

48. The diagram below shows part of a skeleton. Use it to answer the questions that follow.



(a) Name one body organ protected by the part shown above.

.....

(b) State any **two** functions of the skeleton apart from protection.

(i).....

(ii).....

(c) Mention **one** disease of the skeleton.

.....

.....

49. (a) What is first aid?

.....

.....

(b) Give any **two** reasons for giving first aid.

(i).....

(ii).....

(c) Name the item below which is found in a first aid box.



50. Match the list in A to that in B correctly.

**A**

- (i) Salmon fish
- (ii) Silverfish
- (iii) Snake
- (iv) Bat

**B**

- Reptile
- Mammal
- Fish
- Insect

- (i) Salmon fish.....
- (ii) Silverfish.....
- (iii) Snake.....
- (iv) Bat.....

51. (a) What is energy?

.....  
.....

(b) Give any **one** form of energy.

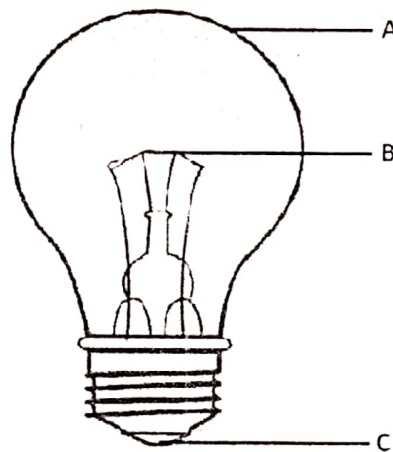
.....  
.....

(c) Which type of energy is possessed by a leaf falling from a tree?

.....  
.....

(d) Calculate the work done by a man who pushed a load of 600N through a distance of 3 metres.

.....  
52. The diagram below shows an electric bulb. Use it to answer the questions that follow.



(a) Name the parts marked **A** and **B**

(i) **A**.....

(ii) **B**.....

(b) Why is part **B** coiled?

.....

.....

(c) Give **one** form of energy produced by the bulb when it is working.

.....



53. (a) Point out **one** part of the circulatory system.

.....  
.....

(b) Mention the component of blood that:

(i) Transports oxygen to all parts of the body.

.....

(ii) Defends the body against infections.

.....

(c) Why do veins have valves in them?

.....  
.....

54. (a) State **one** function of each of the following during reproduction.

(i) Ovaries

.....  
.....

(ii) Testes

.....  
.....

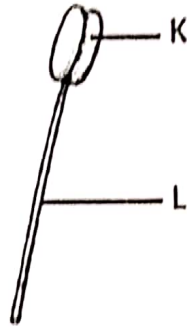
(iii) Fallopian tube

.....  
.....

(b) Identify any **one** disease that affects the urinary system.

.....  
.....

55. The diagram below shows part of a flower. Use it to answer the questions that follow.



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

(i) **K**.....

(ii) **L**.....

(b) State the function of part **K**

.....  
.....

(c) What general name is given to the part of a flower shown above?

.....

**END**