



HILLSIDE PRIMARY SCHOOL
PRE-PRIMARY LEAVING EXAMINATIONS
2023

INTEGRATED SCIENCE (SET ONE)
Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.					Personal No.		

Candidate's Name.....

Candidate's Signature.....**Stream**.....

EMIS No......

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

1. Name the vector that spreads sleeping sicknesss to people.

.....

2. Give any one way of caring for domestic animals.

.....

3. Which form of energy stimulates the sense of hearing?

.....

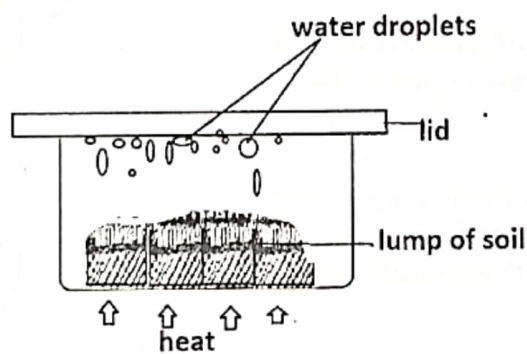
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4. Apart from rolling food, mention one other function of the tongue in the mouth.

.....

.....

The diagram below shows an experiment about soil. Use it to answer questions 5 and 6.



5. What was the experiment testing about soil?

.....

.....

6. Why are water droplets formed on the lid as shown on the diagram above?
.....
.....
7. Name the weather instrument used to show direction of wind.
.....
8. State the use of splints in giving first aid for fractures.
.....
9. Give a reason why an egg is porous?
.....
10. Give one way of caring for poultry
.....
11. Identify the type of energy possessed by a rolling stone.
.....
.....
12. How can a mother protect her children from deficiency diseases?
.....
.....
13. Where in the digestive does the digestion of food begin?
.....
.....

14. Mention any one method used to obtain clean water from dirty water.

.....
.....

15. Name the sexually transmitted disease that cause blindness in unborn babies.

.....
.....

16. In the space below, draw an electric switch.

17. What is echo?

.....
.....

18. Give one way of controlling soil erosion in hilly areas.

.....
.....

19. Identify the longest bone in the human body.

.....

20. State any one way of controlling malaria in a home.

.....

21. How is a duck billed platypus similar to a duck?

.....
.....

22. Give one factor consider when choosing a site for an apiary.

.....

23. How is charcoal formed?

.....
.....

24. To which group group of vertebrates is a crocodile.

.....

25. Give one way in which chemical changes are similar to biological changes.

.....

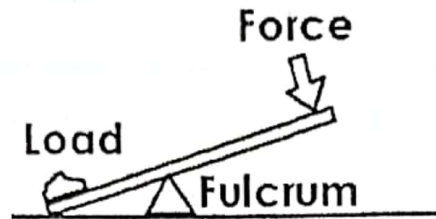
26. Write down one example of vaccines given to babies at birth.

.....

27. Name any one raw material for photosynthesis

.....
.....

Below is a simple machine. Study and use it to answer questions 28 and 29.



28. Name the type of simple machine shown above.

.....

29. To which class of levers does it belong?

.....

30. Write UNEPI in full.

.....

.....

31. Which type of skeleton is found in cockroaches?

.....

32. Identify any one example of spore bearing plants.

.....

.....

33. Give one example of vulnerable groups of people.

.....

.....

34. In which way are tendons important in the human body.
.....
35. Name the structure mosquitoes use to suck blood from people.
.....
36. State any one way of acquiring natural immunity.
.....
.....
37. How is a bladder useful to sea mammals?
.....
38. Mention one way of controlling tick borne diseases in cattle.
.....
39. State the importance of boiling water before drinking it.
.....
40. By what process are clouds formed from water vapour.
.....

SECTION B

41. (a) What are chemical changes?

.....
.....

(b) Mention any two examples of chemical changes.

(i)

(ii)

(c) Give a reason why moulting in snakes is said to be a biological change.

.....

.....

42. (a) Mention any two examples of energy resources.

(i)

(ii)

(b) How is the use of charcoal saving stoves help to conserve the environment?

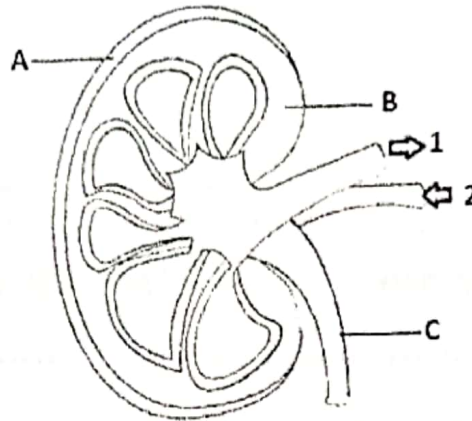
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.....

(c) Apart from heat energy, name one other form of energy got from the sun

.....

43. Study the diagram of a kidney below and use it to answer questions that follow.



a) To which body system does the kidney belong.

.....

(b) Name the parts marked.

(i) A.....

(ii) C.....

(c) Identify the process that takes place in part marked A.

.....

.....

44. a) Which part of air is used in;

(i) Burning:.....

(ii) Fire extinguishers:.....

a) State any one cause of fire out breaks in schools.

.....

b) Give one way of avoiding such accidents in schools.

.....

45. Study the table below and use it to answer questions about it.

P	Q	R
Monkey	Frog	Chameleon
Goat	Toad	Geckos
Man	Nile Perch	Snakes

a) Give one similarity between animals in list Q and R

.....

b) To which group of vertebrates do animals in list P belong?

.....

c) Give one characteristics common to animals in the lists P,Q and R.

.....

d) How are animals in list P different from animals in list Q in terms of reproduction?

.....

46(a) Define the term Magnet.

.....

(b) Write down two methods used in making magnets.

(i)

(ii)

(c) Give one way in which magnets are used in hospitals.

.....
.....

47. (a) Name the germ that causes COVID-19.

.....
.....

(b) Write down two health habits done to control the spread of COVID-19.

.....
.....

(c) How does the use of face masks help in the prevention of COVID-19?

.....
.....

48 (a) Name the weather instrument used to measure the amount of rainfall received.

.....
.....

(b) Give a reason why people are advised to:

(i) Put the above weather instrument in (a) in open places.

.....

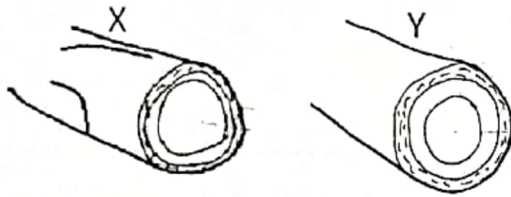
(ii) Raise the weather instrument 30cm above the ground?

.....

c) In which units is rainfall measured?

.....

49. Study the blood vessels below and use them to answer questions that follow.



(a) Name the blood vessel marked:

(i) X

(ii) Y

(b) How are valves important during blood circulation?

.....

(c) Mention one structural difference between blood vessel X and Y.

.....

50.(a) Write down any two examples of poultry vices.

(i)

(ii)

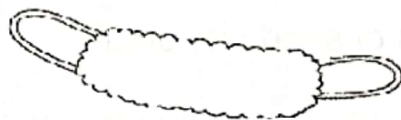
(b) Give one way of controlling poultry vices among domestic birds.

.....

d) Why are laying nests put in dark corners in the poultry house?

.....

51.a) Name the item drawn below.



.....

b) How is the above item important in promoting personal hygiene?

.....

.....

c) Give two ways of promoting proper personal hygiene apart from bathing.

(i)

(ii)

52.(a)Write down any two PIASCY messages found in a school.

(i).....

(ii).....

(b) Identify the STD controlled using PIASCY messages.

.....

.....

c) Name the best method that helps a P.7 pupil prevent the spread of sexually transmitted Disease. (STDS

.....

.....

53. a) List down two agents of seed dispersal.

(i)

(ii)

c) State any two examples of seeds dispersed by animals.

.....

.....

54 (a) Write down two examples of social insects.

(i)

(ii)

(b) Which type of life cycle does a tsetse fly under go?

.....

(c) In which way are honey bees useful to people?

.....

.....

55. Match the electricity to their sources correctly.

A

B

(i) Kidneys

A sense organ for feeling

(ii) Skin

Filter blood

(iii) Lungs

produces bile

(iv) Liver

Removes carbondioxide and water
vapour

(i) Kidneys

(ii) Skin

(iii) Lungs

(iv) Liver

END