



HILLSIDE PRIMARY SCHOOL
MID-TERM TWO EXAMINATIONS
2025

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

Index No.

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Candidate's Name.....Stream.....

Candidate's Signature.....

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. Mention any one inborn characteristic that differentiates a boy child from a girl child.

.....

2. Name the component of soil formed when animal dung decomposes.

.....

.....

3. Apart from the mechanical method, state any one other method of storing sound.

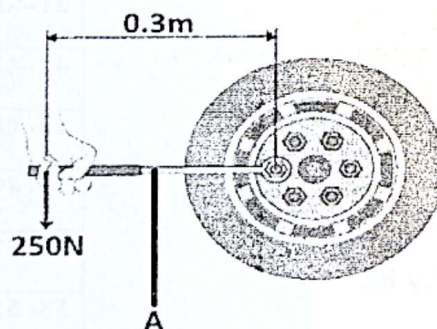
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4. Identify the type of teeth that grows last in the human jaws.

.....

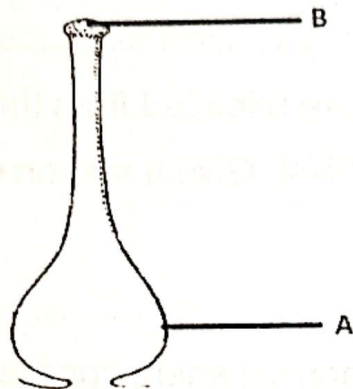
The diagram below shows a device used to by mechanics to repair car tyres. Study and use it to answer question 5 and 6



5. Name the device marked A

-
6. To which group of simple machines does device marked A belong?
.....
7. State any one way echoes help bats to locate their food.
.....
8. When a pen and paper are released from the top of a building, the pen reached the ground first. Give a reason why the pen reached the ground first.
.....
9. Identify the type of mechanical energy possessed by a passenger in a moving bus.
.....
10. State the cause of marasmus in children.
.....
11. Give any one way of preventing partial deafness.
.....
12. Mention any one danger of earthworms to crop farmers.
.....
13. State the importance of white blood cells in the human body.
.....
14. Give any one way feeding on roughages helps to prevent constipation.
.....

The diagram below shows a reproductive part of a flower. Use it to answer question 15 and 16.



15. Name the gametes produced at part marked A.
.....
16. State the function of part **B** to the structure above.
.....
17. Give any one reason why blowing air into the surface of a mirror distorts reflection for a short time.
.....
18. Give any one reason why it is advisable to sneeze into a handkerchief when in a crowded place.
.....
19. State any one way animals can be used as an energy resource.
.....

20. Write any one way in which the circulatory system depends on the skeletal system.

.....

21. Give any one use of heat energy to a blacksmith.

.....

22. State the difference in function between the gills of a mushroom and gills of a fish.

.....

23. Name the element of primary health care that can reduce the pain of a casualty.

.....

24. Give any one reason why breast milk is considered the best food for babies.

.....

25. State the main use of sedative drugs.

.....

26. Identify the type of immunity obtained from feeding on a balanced diet.

.....

27. State the role of sunlight during photosynthesis.

.....

28. Suggest any one way of preventing vectors in the environment.

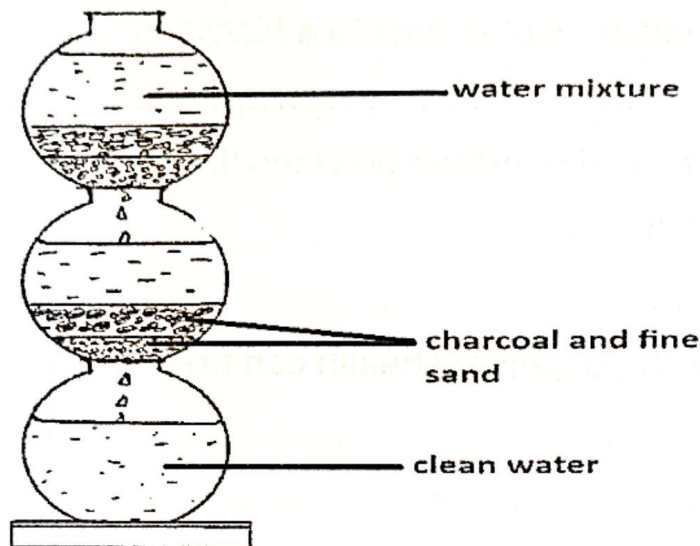
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29. Mention one way docking of sheep is an important farming practice.

.....

The diagram below shows a method of making dirty water clean.

Study and use it to answer the questions that follow.



30. Name the method of obtaining clean water drawn above.

.....

31. State the importance of charcoal and fine sand in the above process.

.....

32. State the importance of the micropyle to a germinating bean seed.

.....

33. Name the disease responsible for causing blindness in babies.

.....

34. State the reason why mulching is done mostly in the dry season.

.....

35. State any one method of conserving heat during the cooking process.

.....

36. Give any one reason why litter in a poultry house should be changed from time to time.

.....

37. Name the type of objects that do not form shadows.

.....

38. State any one reason why copper wires are insulated during electrical installation.

.....

39. Write any one advantage of boiling food before eating.

.....

40. Give any one sign of scours in rabbits.

.....

SECTION: B

41. (a) Identify the type of current electricity produced by the following

i. Generator.....

ii. Dry cell.....

(b) Write down any one local method of producing electricity at home.

.....

(c) State any one reason why solar electricity is not commonly found in most homes.

.....

.....

42. (a) Name the germ that causes COVID 19.

.....

.....

(b) Mention any one soft body part where COVID 19 germs can easily enter the human body.

.....

(c) State any one danger of sitting near a person suffering from COVID 19.

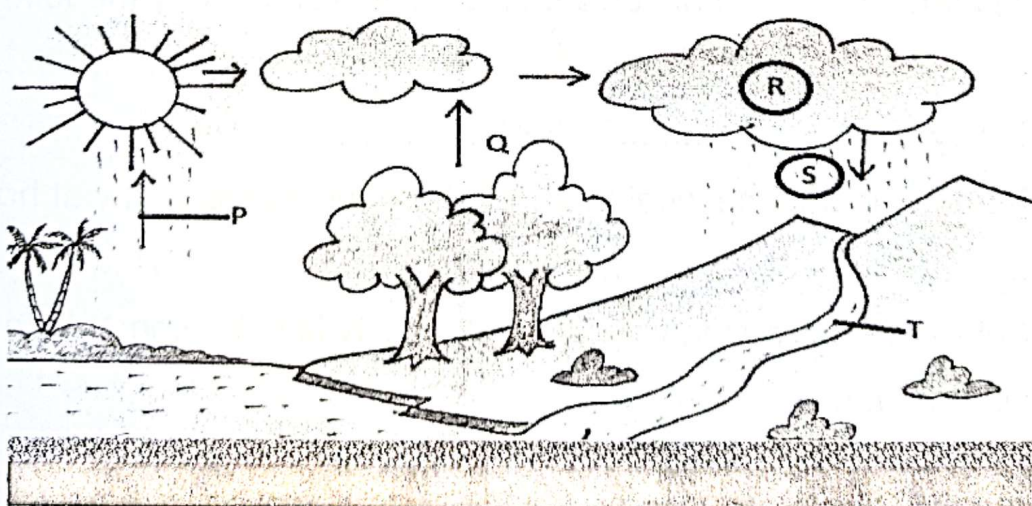
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d) Give any one sign of COVID 19.

.....

43. The diagram below shows the water cycle. Study and use it to answer the questions that follow.



(a) State the cause of process marked R in the admosphere.

.....

(b) Mention any two other forms of process marked S apart from rain.

i.

ii.

(c) State the type of soil erosion that creates channels marked T on hill tops and mountains.

.....

(d) Give any one adaptations of birds to flight.

.....

44. (a)State any two characteristics used to determine a breed of cattle.

i.

ii.

b) Why do farmers rear Ayrshire breed of cattle?

.....

c) Mention any one disease of cattle caused by a virus.

.....

45. Study the groups of animals below carefully and use them to answer the questions that follow.

A	B	C
i) Salamander	Chameleon	Slug
ii) Toad	Tortoise	Oyster
iii) Newt	Komodo dragon	Octopus
iv) Caecilian	Snake	Snail

a) State the general name given to animals in group C.

.....

(b) Mention any one other member of animals in group B

.....

.....

(c) State any one way animals in group A are helpful in disease control in our communities.

.....

.....

(d) Give any one similarity between an octopus and a chameleon in the way they protect themselves from enemies.

.....

.....

46. a) State the difference between soil texture and soil structure.

.....

.....

b) Briefly describe the arrangement of soil particles in the following types of soil;

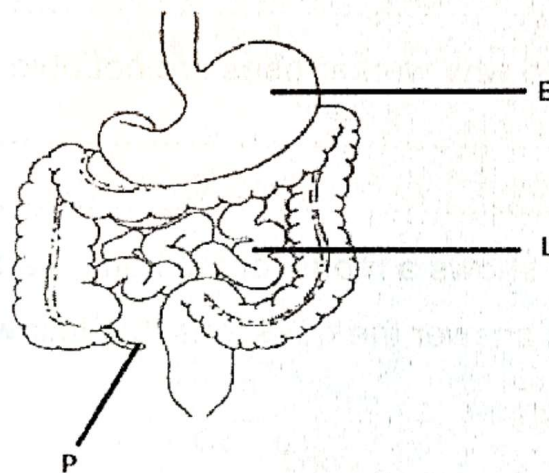
i. Sandy soils.....

ii. Clayey soils.....

(c) Apart from the presence of humus, give any one other way loam soil is suitable for growing crops.

.....

47. The diagram below shows the human digestive system. Study it and answer the questions that follow.



- (a) State the function of part marked P.

.....

- (b) Name two important processes that takes place at part marked L.

i)

ii)

(c) Mention any one disease that affects part marked with letter E

.....

48. a) State any one difference between the traditional method and modern methods of harvesting honey.

.....

.....

b) Give any two reasons why bee farmers harvest honey during day.

i.

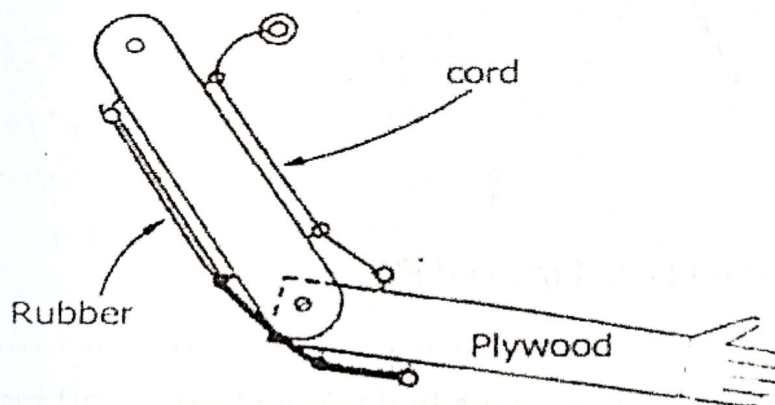
ii.

(c) Give any one reason why worker bees are not able to lay eggs.

.....

.....

49. The diagram below shows a model of the human arm made by P.7 Pupils. Study it and answer the questions that follow.



(a) Identify the body muscle represented by;

i) chord

ii) rubber.....

(b) Mention the bones represented by the plywood.

- i)
 ii)

50. a) State any two reasons why farmers of coffee should carry out gap filling.

- i.
 ii.

b) Give any one sign of crop pest damage on crops.

.....

c) Mention any one garden tool used for pruning crops.

.....

51. The information below is designed by the young farmers club of a certain school in order to start a goat rearing project. Study and use it to answer questions that follow.

Activity	Item	Number	Estimated date
Construction	Goat shed	2	10/06/2025
Purchasing	Nanny goats	7	18/07/2025
Vaccination	Kids	15	19/07/2025
Artificial insemination	Nannies on heat	All nannies on heat	18/07/2025

a) Give the collective name for such information on a farm.

.....

b) State the reason why the young farmers club has no interest in Billy goats.

.....

c) Give any one importance of vaccinating kids in the goat farm.

.....

d) State any one way having such information on a goat farm can be helpful to farmers.

.....

52. a) Give any one example of a water vector habitat disease apart from malaria.

b) Give any one way each of the following measures helps to control malaria.

i. Draining stagnant water

.....

ii. Sleeping under a treated mosquito net

.....

c) Identify the blood cells affected by malaria in the human body.

.....

53. a) State any two problems faced by teenage mothers.

i).....

ii).....

(b) Mention any two life skills teenage girls can use to avoid getting teenage pregnancies.

i.

ii.

54. You are provided with the following materials to carry out an experiment to show that soil contains water.

Dry saucepan, lump of moist soil, plate, burning stove.

Describe the steps you would follow to carry out the experiment above.

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.....

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.....

.....

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55. a) Give any two natural changes in the environment that take place under moist conditions.

i.

ii.

b) State any one way drought can affect crop production in villages.

.....

c) Give any one way of managing drought conditions in an area.

.....

END