



DIOCESE OF WEST ANKOLE

PRE-PRIMARY LEAVING EXAMINATION, 2025

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

District ID No:

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Read the following instructions carefully:

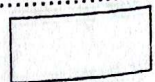
1. Do not write your **school** or **district name** anywhere on this paper.
2. This paper has two sections: **A** and **B**. Section **A** has **40** questions and Section **B** has **15** questions. The paper has **12 printed pages** altogether.
3. Answer **all** questions. **All** answers to both Sections **A** and **B** must be written in the spaces provided.
4. **All** answers must be written using a **blue** or **black** ball point pen or ink. Any work written in pencil other than drawings will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that can not easily be read may lead to **loss** of marks.
6. Do **not** fill anything in the table indicated: "**For Examiners' Use Only**" and boxes inside the question paper.

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

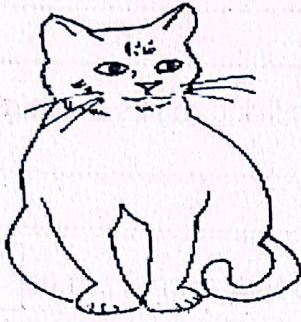
SECTION A : 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name the body organ that pumps blood around the body.
.....
.....
2. Which part of a maize grain develops into the shoot system?
.....
.....
3. State the purpose of applying Tepid sponging to a person with high fever.
.....
.....
4. Mention any **one** local material used for brushing teeth.---
.....
.....
5. State any **one** way seed dispersal can be a disadvantage in the environment?
.....
.....
6. Which condition in babies leads to dry mouth lips and sunken soft spot?
.....
.....
7. Give the step in cleaning clothes that helps to prevent staining of clothes.
.....
.....
8. In which **one** way is litter important in a poultry house?
.....
.....
9. Name any **one** digestive disease that spreads through 4Fs path.
.....
.....
10. Which quality of aluminium suits it to make bodies of aeroplanes?
.....
.....



The diagram below shows a common pet at home. *Study and use it to answer questions 11 and 12.*



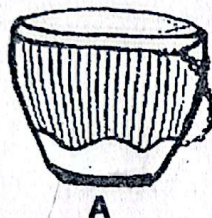
11. State any **one** benefit of keeping the above pet at home.
.....
.....
12. Besides feeding the above animal, how else can one care for it?
.....
.....
13. How does a chameleon benefit from its colour changes?
.....
.....
14. Give any **one** reason vaccines are regarded as essential drugs.
.....
.....
15. State the difference between conifers and ferns in terms of reproduction.
.....
.....
16. In which way can food taboos affect a pregnant woman?
.....
.....
17. Name the atmospheric gas used by plants to make proteins.
.....
.....
18. Mention any **one** component of the biological environment.
.....
.....

19. Which intestinal worm enters the human body through the skin?

20. Why is it not advisable to have potted plants in living rooms overnight?

21. Give any **one** device used to harvest solar energy.

The diagram below show drums of different sizes. *Study and use it to answer questions 22 and 23.*



22. Which of the drums will produce sound with the highest pitch?

23. How do the above drums produce sound?

24. Name the body system commonly affected by diphtheria.

25. In which **one** way are school health parades important in the promotion of PHC?

26. Give any **one** common disease prevented by screening blood.

27. State any **one** way crops can benefit from Agroforestry.

.....
.....

28. State the similarity in function between oil in a machine and cartilage at a joint.

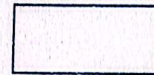
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29. Mention the fungus that commonly makes food to go bad.

.....
.....

30. In which **one** way does the production of biogas promote sanitation in an area?

.....
.....



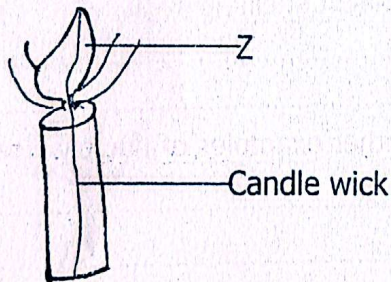
31. How are treads important on car tyres?

.....
.....

32. State the reason banana farmers cut off leaves of suckers before planting.

.....
.....

The diagram below shows a burning candle. *Study and use it to answer questions 33 and 34.*



33. Name any **one** form of energy produced by the candle at **Z**.

.....
.....

34. What type of change takes place when the candle wick burns?

.....
.....

35. State the reason a wheel barrow is regarded as a second class lever.

36. Name the alloy used to fill holes in a tooth suffering dental caries.

37. To which group of mammals does a kangaroo belong?

38. How do Nitrogen fixing bacteria benefit from root nodules of legumes?

39. Give the importance of moulting in insects?

40. Which animal fibre is obtained from Angora goat?

SECTION B: 60 MARKS

(Questions 41 to 55 carry four marks each.)

41. (a) State the reason birds lay eggs with soft shells.

(b) Besides egg eating, mention **two** other examples of poultry vices.

(i).....

(ii).....

(c) Give any **one** way of controlling poultry vice.

42. (a) Name any **two** diseases prevented by sleeping under treated mosquito nets.

(i).....

(ii).....

(b) Apart from sleeping under treated mosquito nets. Write down any **two** ways of controlling diseases spread by mosquitoes.

(i).....

(ii).....

43. (a) Why are fossil fuels regarded as non renewable resources?

.....

(b) State any **two** other examples of non renewable resources in the environment.

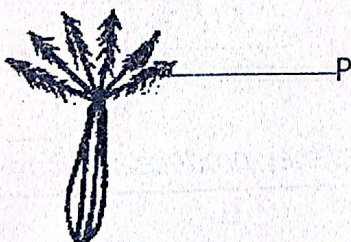
(i).....

(ii).....

(c) Give **one** way of conserving non renewable resources in the environment.

.....

The diagram below shows a fruit of a black jack plant. *Study and use it to answer questions.*



44. (a) How is the above fruit dispersed?

.....

(b) What is the use of the part marked **P** to the fruit above?

.....

(c) State any **two** advantages of seed dispersal to plants.

(i).....

(ii).....

45. (a) Name the female fertile bee in the hive.

(b) State any **two** duties of the worker bee in a hive.

(i).....

(ii).....

(c) Give any **one** factor that can make bees in a hive near a rubbish pit to swarm.

46. (a) Name the muscles that make up the human heart.

(b) Apart from respiratory gases, name any **two** materials transported during blood circulation.

(i).....

(ii).....

(c) Why does the rate of heart beat increase during a heavy physical exercise?

Match the digestive organs in A with the juices they produce in B correctly.

A	B
Stomach	Bile
Liver	Pancreatic juice
Pancreas	Intestinal juice
Ileum	Gastric juice

47. (i) Stomach.....

(ii) Liver.....

(iii) Pancreas.....

(iv) Ileum.....

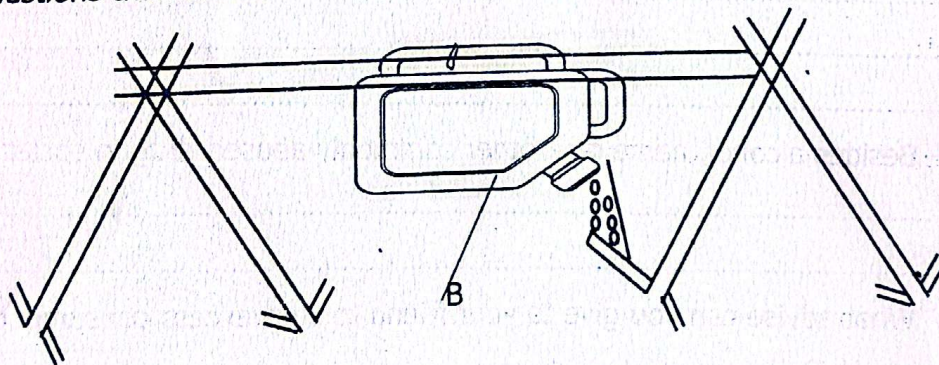
48. (a) What is sound energy?

(b) Name any **one** device used to reproduce sound.

(c) State any **one** method of storing sound.

(d) Which property of sound is useful to a pilot flying an aeroplane?

The diagram below shows a sanitary item. *Study and use it to answer the questions that follow.*



49. (a) State the importance of the tool marked **B** above.

(b) Name any **two** diseases prevented by the use of the above sanitary item.

(i).....

.....

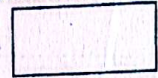
(ii).....

.....

(c) How does the use of the above sanitary item promote health?

.....

.....



50. (a) Give any **one** example of natural magnets.

.....

.....

(b) State any **two** methods of making magnets.

(i).....

.....

(ii).....

.....

(c) In which way can the strength of an electromagnet be improved?

.....

.....

51. (a) Name any **two** body organs damaged by excessive consumption of alcohol.

(i).....

.....

(ii).....

.....

(b) Besides alcohol, name **one** other commonly abused drug in society.

.....

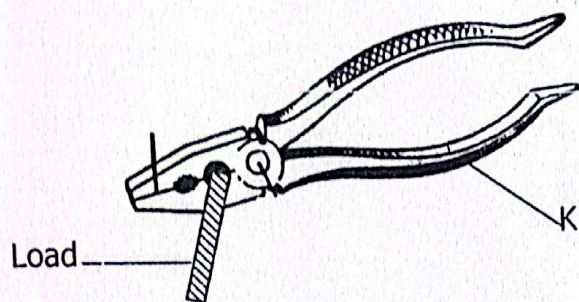
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(c) What advise can you give to your friend to stop excess consumption of alcohol?

.....

.....

The diagram below shows a pair of pliers. Study and use it to answer questions that follow.



52. (a) Use letter **E** to show the position and direction of the Effort on the diagram.

(b) To which class of levers does the above machine belong?

.....

(c) Give **one** other machine that can be grouped with the one above.

.....

(d) Why is the part marked **K** usually made of rubber or plastic?

.....

53. A pupil accidentally poured sand in salt while at home. Given the following items;

Saucepan, source of heat, container, water, spoon and a sieve,
 Explain in **four** sentences how the pupil can recover the salt.

(i).....

(ii).....

(iii).....

(iv).....

54. (a) Give any **two** importance of a child health card to a mother

(i).....

.....

(ii).....

.....

(b) State any **two** ways a P.7 pupil can promote immunization in a community.

(i).....

.....

(ii).....

.....

55. (a) Why is Gonorrhea regarded as a sexually transmitted disease?

.....

.....

(b) Mention any **one** sign of gonorrhea in men.

.....

.....

(c) Why should a husband and his wife be treated together incase one shows signs of gonorrhea?

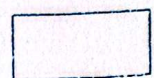
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(d) How best can a P.7 pupil avoid getting gonorrhea infection?

.....

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END