

LUGAZI DIOCESE EXAMINATION BOARD

PRIMARY SEVEN MOCK EXAMINATION

2025

INTEGRATED SCIENCE AND HEALTH EDUCATION

Time Allowed: 2 hours 15 minutes

Index No. :

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Candidate's Name :

Candidate's Signature :

School :

Read the following instructions carefully:

1. This paper has **two** sections: **A** and **B**.
2. Section **A** has 40 questions (40 marks)
Section **B** has 15 questions (60 marks)
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 fountain pen.
5. Unnecessary changes of work may lead to **loss** of marks.
All diagrams must be drawn in pencil.
6. Any handwriting that cannot easily be read may lead to **loss of marks**.
7. Do **not** fill anything in the boxes indicated:
"For Examiners' Use Only"

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO.
1 – 10		
11 – 20		
21 – 29		
30 – 38		
39 – 42		
43-45		
46-47		
48-50		
51-52		
53-55		
Total		

SECTION A: (40 MARKS)

(Questions 1 to 40 carry one mark each.)

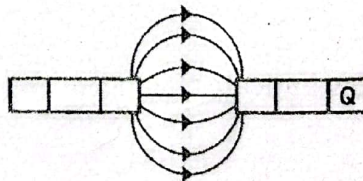
1. Which gas is used by animals for respiration?
.....
2. Name any **one** non-flowering plant that reproduces like a mushroom.
.....
3. Name the vector that spreads sleeping sickness to humans.
.....
4. Mention any **one** life skill that can safeguard the youth against drug abuse.
.....
5. In which way do plants benefit from bees?
.....

The diagram below shows a common equipment used on a dairy farm. Study and use it to answer questions 6 and 7.



6. Identify the above equipment used by cattle farmers.
.....
7. How is the above equipment adapted to its function?
.....
8. Name the structures that join bone to bone in the human body.
.....
9. Give **one** reason why health workers should screen blood before keeping it in the blood bank.
.....

The diagram below shows two bar magnets. Study and use it to answer questions 10 and 11.



10. Identify the pole marked **Q**.
.....

11. State the property of magnets shown above.
.....
12. What prevents the trachea from closing during breathing out?
.....
13. Apart from beeswax, name **one** other product got from bee farming.
.....
14. State any **one** way in which you can make stains in clothes to become loose before washing.
.....
15. Give any **one** example of exotic breeds of goats kept for milk production.
.....
16. Mention **one** element of weather which helps plants to make their own food.
.....
17. Name the organisms that cause rotting of food.
.....

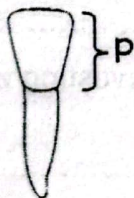
The diagram below shows a tree harvesting method. Use it to answer questions 18 and 19.



18. Name the method of tree harvesting shown in the diagram above.
.....
19. Give **one** way in which the above method of harvesting wood conserves trees in the environment.
.....
20. Name the disorder in which a bone moves away from its normal position.
.....
21. Give any **one** activity that can be done at home in order to control the spread of malaria.
.....
22. Mention the organ that removes urine from the human body.
.....
23. Which intestinal worm enters the body through eating meat that has not been prepared properly?
.....
24. State the element of **PHC** that helps women to carryout child spacing.
.....

25. What kind of vitamin improves eye sight?
.....
26. Give a reason why a moon is not regarded as a source of light.
.....
27. State any **one** importance of covering food when cooking.
.....
28. Mention any **one** characteristic of mammals.
.....
29. What type of change is growth of hair on the human body?
.....
30. Give the meaning of immunity.
.....
31. Name **one** process involved in rainfall formation.
.....
32. State any **one** practice carried out in the school garden to improve soil fertility.
.....
33. Mention the importance of ventilators on a living room.
.....

The diagram below is a type of tooth. Study and use it to answer questions 34 and 35.



34. Name the region of the tooth marked **P**.
.....
35. Give **one** way in which the above tooth is adapted to its function.
.....
36. Name any **one** scale used to measure temperature.
.....
37. Name the enzyme contained in saliva.
.....
38. Which skin disorder is caused by wet heat?
.....

39. Give a reason why the earth is called a magnet.

40. What determines the sinking and floating of objects put in water?

SECTION B: (60 MARKS)

(Questions 41 to 55 carry four marks each.)

41. (a) Name the **two** muscles attached to the humerus bone.

(i)

(i)

(b) State any **one** function of muscles in the human body.

(c) Give any **one** importance of maintaining correct posture.

42. The table below shows childhood immunisable diseases, vaccines and body site of administration. Complete the table correctly.

Disease	Vaccine	Site of administration
Tuberculosis	(i)	Right upper arm
(ii)	Polio vaccine	Mouth
Measles	Measles vaccine	(iii)
Hepatitis B	(iv)	Left upper thigh

43. (a) Mention **two** practices that can result into cooked food getting contaminated at school.

(i)

(i)

(b) State any **two** activities a school health club can carryout to promote food hygiene.

(i)

(i)

44. (a) What name is given to the largest vein in the human body?

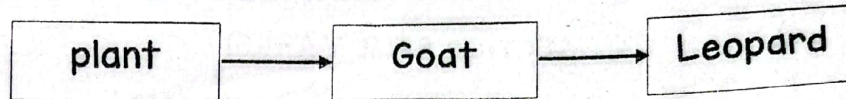
(b) Which type of blood is transported by the pulmonary vein?

(c) State any **two** characteristics of veins.

(i)

(i)

45. The diagram below shows a food chain. Study it and answer questions that follow.



(a) Name the producer.

(b) Which organism in the diagram is carnivorous?

(c) State any **two** ways in which a plant benefits from the goat.

(i)

(i)

46. (a) To which class of levers do the following simple machines belong?

(i) See-saw

(ii) Wheelbarrow

(b) Name the turning point of a lever.

(c) Give **one** way levers simplify work.

47. (a) What is first aid?

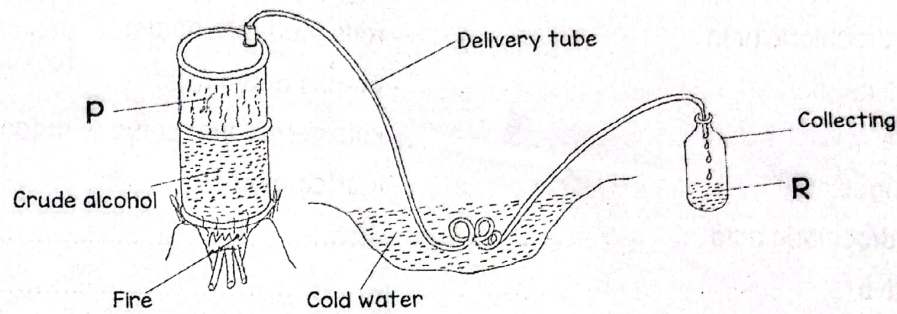
(b) State any **two** qualities of a good first aider.

(i)

(i)

(c) Give **one** reason for giving first aid.

48. The diagram below shows the process of making alcohol. Study and use it to answer the questions that follow.

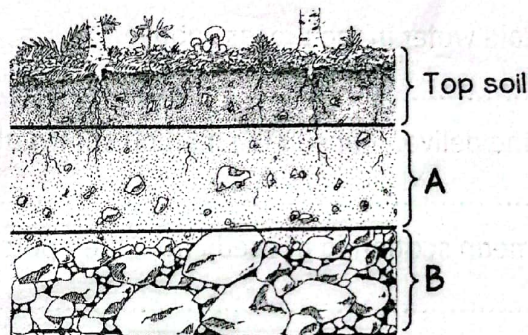


- (a) Identify the physical change taking place at part marked **P**.
.....
- (b) What name is given to substance marked **R**?
.....
- (c) Mention the role of cold water in the process above.
.....
- (d) Give the function of the delivery tube in the method shown above.
.....
49. (a) What term is used to mean scattering of seeds from their parent plants to a new place?
.....
- (b) Give **one** characteristic of seeds dispersed by wind.
.....
- (c) Mention any **two** advantages of scattering of seeds from parent plants to new places in the environment.
(i)
(i)
50. (a) Give any **one** breed of rabbits.
.....
- (b) Mention **two** reasons why a farmer would prefer rearing rabbits to goats.
(i)
(i)
- (c) State any **one** way of caring for rabbits.
.....

51. Match the components of the digestive system in "A" to their functions in "B".

A	B
(i) Hydrochloric acid	- rolls food into bolus.
(ii) Saliva	- breaks down fats.
(iii) Bile	- kills germs that come with food.
(iv) Tongue	- lubricates food.
(i) Hydrochloric acid	
(ii) Saliva	
(iii) Bile	
(iv) Tongue	

52. Below is a diagram showing soil profile. Study and use it to answer questions that follow.



(a) Name the layers marked A and B.

- (i) A
- (ii) B

(b) Why is top soil the best for plant growth?

- (i)

(c) Name the process through which layer B is broken down to form soil.

- (i)

53. (a) State any **one** other mineral deficiency disease in humans apart from goitre.

- (i)

(b) Give any **one** sign of goitre disease.

- (i)

(c) Name the mineral salts responsible for the following in the human body.

- (i) Strengthening of bones.
- (ii) Formation of red blood cells.

54. (a) Give **two** conditions that can lead to bottle feeding in babies.

(i)

(i)

(b) State any **two** disadvantages of bottle feeding to babies.

(i)

(i)

55. The diagram below shows types of lenses. Study and use it to answer questions that follow.



(a) Name the type of beam produced when light passes through lens marked **P** and **Q**.

(i) **P**

(ii) **Q**

(b) State the eye defect corrected using lens marked **Q**.

.....

(c) Mention any **one** device that uses lens **P** to operate.

.....

THE END