

SEMBABULE DISTRICT EXAMINATIONS BOARD
P.7 MOCK EXAMINATION 2025
INTERGRATED SCIENCE

Time Allowed: 2 hours: 15 minutes

Candidate's Index No.

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Candidate's Name:.....

Candidate's Signature:.....

School:.....

District:.....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

1. The paper has two sections: **A** and **B**
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 ink.
Diagrams should be drawn in pencil
4. Unnecessary alternation of 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 the boxes indicated for

Examiner's use only

FOR EXAMINER'S USE ONLY		
Qn. No	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 45		
46 - 50		
51-55		
TOTAL		

Turn Over

SECTION A (40 Marks)

1. State any one item used to clean latrines at school.

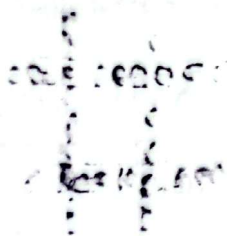
2. Name type of electricity obtained by using burning petroleum.

3. State the importance of including legumes in crop rotation.

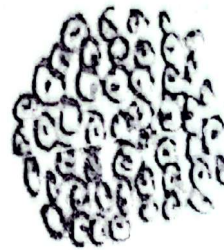
4. Give any one sign or symptom of pinworms in babies.

The diagrams below show eggs laid by two amphibians. Study them and answer questions 5 and 6.

Y



X



5. Name the amphibian that lays eggs X.

6. Identify the habitat where the amphibian that lays eggs Y spends most of its time.

7. Give one difference between a strain and a sprain.

8. State one activity carried out to promote maternal and child health care.

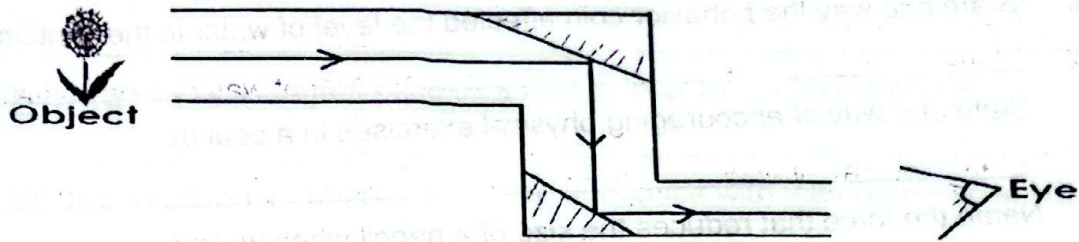
9. Identify the blood cells that carry oxygen in the body.

10. Explain how termites improve soil aeration.

11. State one factor considered before starting a livestock project.

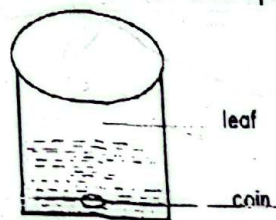
12. State one danger of tsetse flies to humans.

The diagram below is of an optical instrument. study and use it to answer questions 13 and 14.



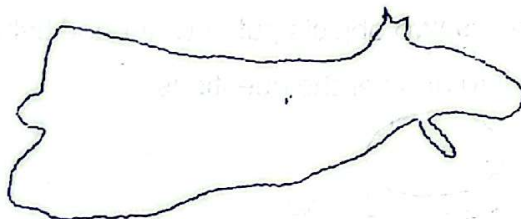
13. Name the optical instrument above..
14. Identify the property of light that enables the above instrument to perform its work.
15. State the component of air used for production of starch in plants.
16. Give any one way in which a P.7 candidate can reuse abandoned plastic bottles.
17. State the effect of gonorrhoea to newly born babies.
18. Give a reason why a fainted person needs fresh air.
19. Mention the property of clay soil that makes good for pottery.
20. Name the part of the female reproductive system where conception takes place

The diagram below shows two objects put in water and behaved as shown below. Study and use it to answer the questions.



21. Identify the factor that made the two objects behaved differently as shown.
22. State one way the behavior coin affected the level of water in the container.
23. State one way of encouraging physical exercises in a poultry.
24. Name the force that reduces the size of a pencil when writing.
25. Name any one element of weather that increases transpiration rate in plants.
26. State one importance of health parades in a school.
27. Use the organisms, below to form a food chain.
bacteria, weaver bird, kite, maize
28. State one reason of cutting the roots of a banana before transplanting.
29. State the importance of heat transfer by radiation to a farmer.
30. Name the animal fibre got from angora goat.
31. Mention any one use of a rack at home.

The diagram below shows the shape of a type of cattle. Use it to answer the questions 32 and 33.



32. Name the main product got from cattle with the shape shown above.

33. State any one exotic breed of cattle with shape above.

34. Which property of a magnet enables a pilot to locate direction of places.

35. State any one danger of humans sharing the house with their domestic animals.

36. Mention any one advantage of weeding crops.

37. State any one way plants benefit animals.

38. Identify one practice that lower the proper working of the human lungs.

39. State the food value that protects children from beriberi.

40. State the property of matter used in filling tyres of vehicles.

SECTION B (60 mrks)

41. a) Name the type of germs that cause malaria.

- b) Give any one sign or symptom of malaria.

- c) Explain how each of the following practices help to control malaria at home.
- i) Draining stagnant water

- ii) Clearing bushes around our homes.

42. You are provided with
a sieve
Water
spoon
charcoal stove.

Explain how each of the items provided can help you to separate a mixture of salt and sand.

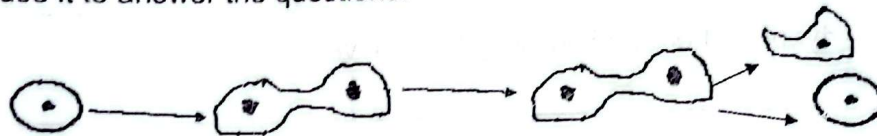
i) water

ii) spoon

iii) a sieve.

iv) a charcoal stove

43. The diagram below shows a mode of reproduction in an organism. Study and use it to answer the questions.



a) Identify the mode of reproduction shown in the diagram.

b) Name any one organism that uses the above mode of reproduction as shown in the diagram above.

c) Give two conditions that favour the above mode of reproduction.

i) _____

ii) _____

44. Given a list of mammals. Study it and answer the questions that follow.

seal	shrew	Spiny anteater	Porpoise
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a) Identify two mammals that can be grouped together (2mark for a correct pair).

b) Identify the mammal from the list above that feeds on termites.

c) How is the spiny anteater different from all other mammals on the list above in the way they reproduce.

45. a) Give the meaning of the term crop pest.

b) Give two ways pests depend on crops.

(i) _____

(ii) _____

c) Give one method of controlling pests that does not affect other parts of the environment.

46. a) Apart from pregnant mothers, state two other group of vulnerable people in the community

(i) _____

(ii) _____

b) State any two ways of caring for a pregnant woman in a community.

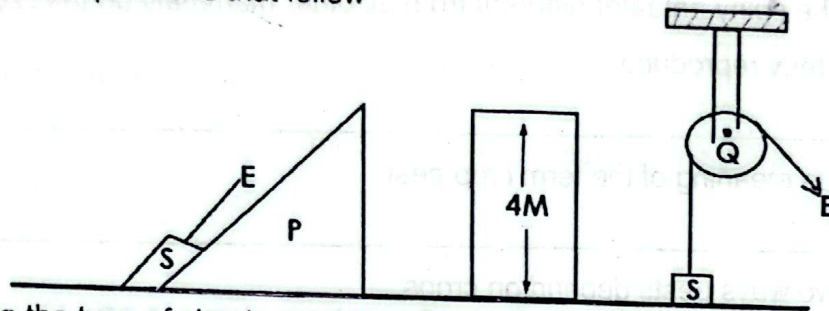
(i) _____

(ii) _____

47. The table below shows some common infections, their causes and the body parts they affect. Study it and fill in the missing information correctly.

Common infection	Causing organism	Body part
(i) _____	Chlamydia	eyes
scabies	(ii) _____	skin
(iii) _____	filarial worm	feet
meningitis	bacteria	(iv) _____

48. The diagram below shows two types of simple machines. Use them to answer the questions that follow



- a) Name the type of simple machines P and Q.

i) P _____
 ii) Q _____

- b) Identify the machine that will lift load S to height of 4 metres more easily?

- c) Give a reason for your choice of machine in (b) above

49. a) Identify any two indicators of poor sanitation in a place.

(i) _____
 (ii) _____

- b) Mention two activities done to promote sanitation at home

(iii) _____
 (iv) _____

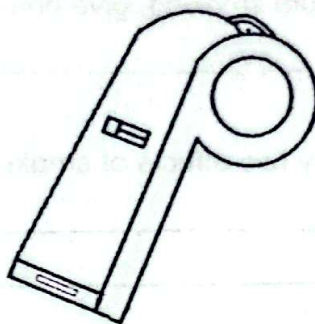
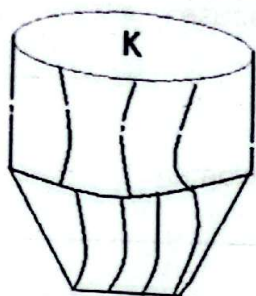
50. a) Name the method of plant propagation where a scion and stock are joined together

- b) Give two qualities of a good scion and stock used for propagation.

- c) Give one way caring for the new plant formed by joining a scion and stock.

51. The diagrams below show two musical instruments. study and use them to answer the questions that follow:

L



a) Identify the type of musical instruments to which each of the instruments belongs.

(i) K _____

(ii) L _____

b) Explain how man makes each of the instrument produce sound.

(i) K _____

(ii) L _____

52. A child suddenly removed the cover of a source pan full of boiling water. One of child's arms was burnt.

a) Name the substance that burnt the child.

b) Name the kind of injury the child got.

c) Give two reasons why cold water is suitable for giving first aid for such an injury.

53. a) Give the meaning of the term environmental degradation.

b) Apart from floods, give one other natural cause of environmental degradation.

c) Mention any two effects of floods in the environment.

54. a) Apart from smoking, give one other form drug abuse.

b) State any two effects of smoking to a pregnant woman.

(i)

(ii)

c) Give one way a P.7 pupil can avoid smoking.

55. a) State the type of change that takes place when;

i) A knife is exposed to moisture

ii) Ice is exposed to heat

b) Give any two effects of changes on matter.

(i)

(ii)

END