

INTENSIVE CARE SCHOOLS WANDI-TEREGO

END OF TERM I EXAMINATIONS 2024

P.7 Integrated Science

Time allowed: 2 hours 15 minutes

INDEX NUMBER

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NAME: _____

Signature: _____

Read the following instructions carefully:

1. The paper is made up of section A and B.
2. Section A has 40 short answer questions (40 marks).
3. Section B has 15 questions (60 answers).
4. Answer ALL questions. All answers to both section A and B must be written in the spaces provided.
5. All answers must be written in blue ink.
6. Any handwriting that cannot easily be read will lead to loss of marks.
7. Unnecessary alteration of work may lead to loss of marks.
8. Do not write anything in the box indicated examiner's use only.

EXAMINER'S USE ONLY

A	
B	
TOTAL	

SECTION A (40 Marks)

1. State one sign of pests attack on a crop.

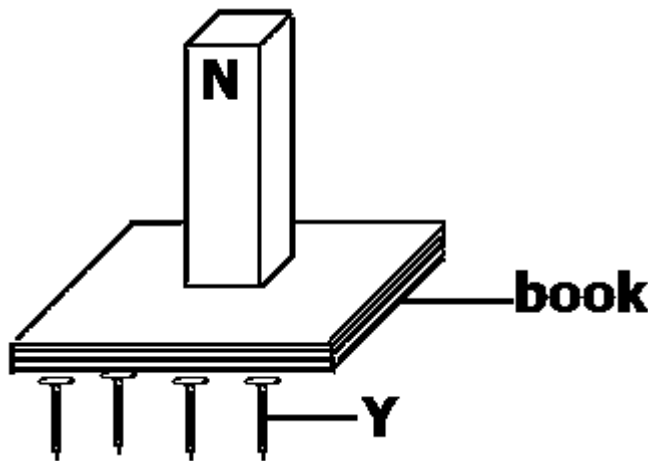
2. In which state of matter does sound move fastest?

3. Name the type of chicken kept for production of meat.

4. What role does the fuse play in an electric circuit?

5. State one way transpiration benefits a plant.

The diagram below shows a property of magnets. Use it to answer question 6.



6. State the property of magnets shown above.

7. Give one activity done at school to promote sanitation.

8. State one way a cobweb is important to a spider.

9. In which way can man make good use of wax got from bees?

10. Give a reason why many crop farmers prefer growing annual crops to perennial crops

11. How are valves important in the heart?

12. Name the immunisable disease that causes stiffness of muscles.

13. Why is evening the best time for transplanting seedlings?

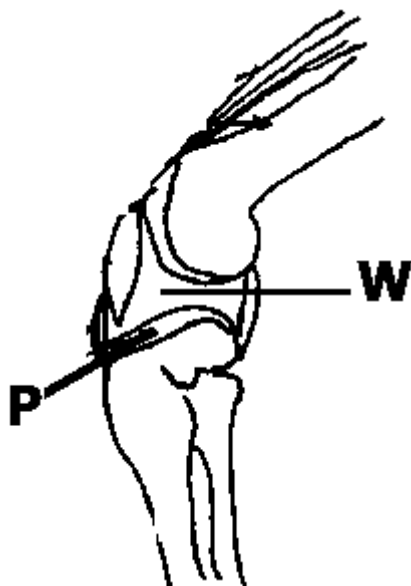
14. Why is it not necessary to smoke a VIP latrine?

15. How is the windsock at an airport important to a pilot?

16. Give a reason why the salivary amylase cannot continue digesting cooked starch even in the stomach?

17. State one way we can care for AIDS victims in our homes.

The diagram below shows a movable joint. Use it to answer questions 18 and 19.



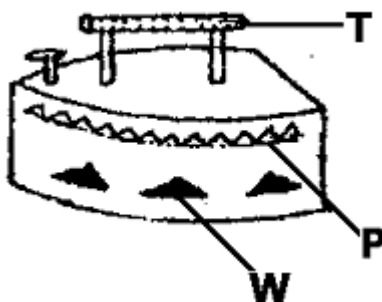
18. Name the type of movable joint shown above.

19. State one way part marked P is important at a joint.

20. Apart from destroying crops, give any other effect of too much rain in the environment.

21. State one way diarrhoeal diseases can be controlled in our communities.
-
22. Give one effect of alcoholism to the community.
-
23. When making charcoal, why is the piled wood covered with soil?
-
24. Why is it necessary to feed a malaria patient with green leafy vegetables?
-
25. How does bush burning cause soil erosion?
-
26. Write down one characteristic of animal dispersed seeds.
-
27. Draw a simple magnet in the space below
-
28. State one reason why distilled water is not suitable for drinking.
-
29. Mention any one cause of improper growth of teeth.
-
30. Give a reason why water is added to the pit when making compost manure.
-

The diagram below shows an iron box. Use it to answer questions 31 and 32.



31. Why is part marked T made out of wood?
-
32. How is the use of holes marked P different from that of holes marked W.
-
-

33. Give the main reason why farmers pollard fruit trees.

34. Why is the use of biogas taken to be environmental friendly?

35. Give one way living things depend on non-living things.

36. Apart from dry lips, state any one other sign of dehydration in children.

37. Why is dew formed at night?

38. State one problem faced by people who rear goats.

39. What role does oxygen play during respiration?

40. Give one reason why some mothers bottle feed their babies instead of breast feeding.

Section B

41(a) State two signs of heat period in cattle.

(i)

(ii)

(b) What advice would you give to a farmer whose cow is on heat?

(c) Give one reason why cattle keepers are advised to graze cows and bulls separately.

42(a) Write down two conditions necessary for photosynthesis to take place.

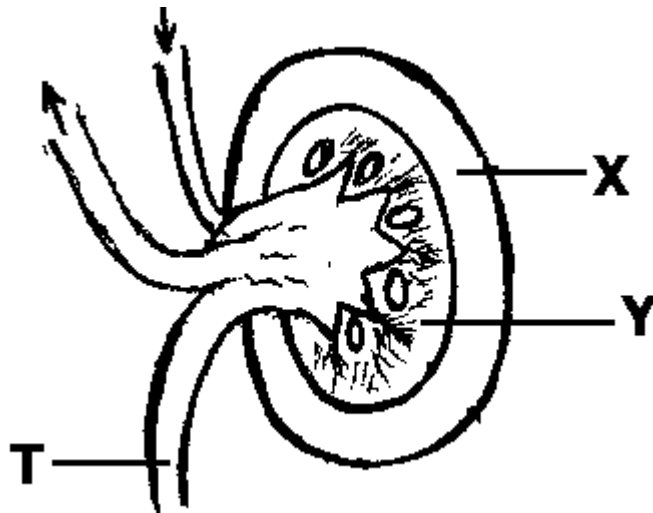
(i)

(ii)

(b) Why can't photosynthesis take place at night?

(c) In which way does photosynthesis benefit the environment?

43. The diagram below shows a Kidney. Use it to answer the questions about it.



- (a) Name part marked T.

- (b) How is part marked X important in the kidney?

- (c) State one substance that gets reabsorbed into the body in part marked Y.

- (d) Apart from excretion mention any other use of the Kidney in the body.

- 44(a) Give one reason why many poultry farmers in Uganda today prefer keeping exotic breeds of poultry

- (b) State one problem faced by poultry farmers in Uganda.

- (c) Name the poultry disease that can be identified by blood stained diarrhoea and ruffled feathers.

- (d) Mention one way poultry diseases can be controlled.

- 45(a) State two ways food can get contaminated.

(i) _____

(ii) _____

- (b) Mention one disease a person can get if he eats contaminated food.

- (c) Give one reason why we need to cover food when cooking it.

46. **The diagram below shows a doctor's prescription. Use it to answer the questions about it.**



- (a) How many tablets should the patient take in a day?

- (b) Write down any one condition under which drugs should be stored.

- (c) Give one reason why drugs should be labeled?

- (d) Apart from age and weight, give any other factor medical workers consider before prescribing a drug.

- 47(a) Mention two causes of a short circuit in electricity.

(i)

(ii)

- (b) Write down one danger that can be brought by a short circuit.

- (c) In which way do people who install electricity guard against electric shocks?

- 48(a) Give the main reason why our bodies carry out respiration.

- (b) Where does respiration take place in the body?

- (c) What role does oxygen play during respiration?

(d) How does respiration affect the environment negatively?

49(a) What is thinning?

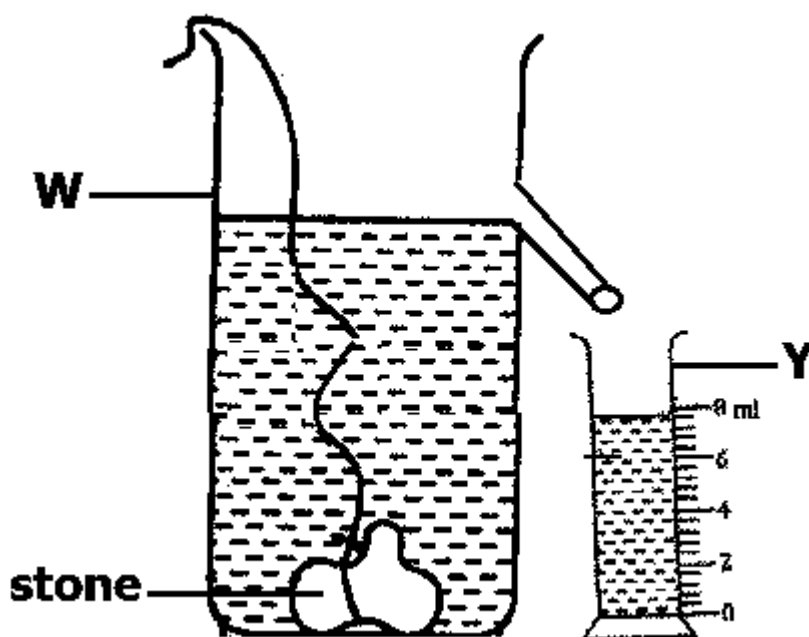
(b) Give two reasons why farmers thin their crops.

(i) _____

(ii) _____

(c) State one way farmers can make good use of thinned crops.

50. **The diagram below shows an experiment that was carried out in a science lesson. Use it to answer the questions about it.**



(a) Name container marked W.

(b) What was the experiment about?

(c) Why did the teacher decide to use such a method?

(d) State the volume of the stone.

51(a) Give two reasons why we need to keep our bodies clean.

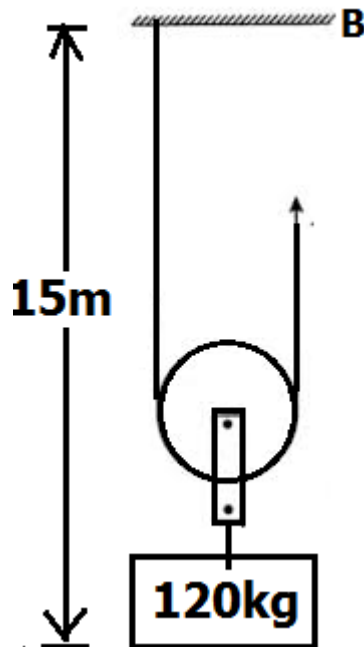
(i) _____

(ii) _____

(b) How does the washing of clothes keep them clean.

(c) Mention one place where cleaned clothes can be kept.

52. **The diagram below shows a type of pulley. Use it to answer the questions about it.**



(a) Name the type of pulley.

(b) Through what distance did the effort move by the time the load reached point B.

(c) State one advantage of using such pulley.

(d) Give one use of such a pulley in our daily life.

53(a) Why is a frog able to leave in water?

(b) Mention one way a frog is different from a toad.

(c) Write down one characteristic of amphibians.

(d) Toad spend most of their adult time on land. Why do they go in water?

54(a) Mention one place in a home when near drowning can take place.

(b) During first aid for near drowning, why is it necessary to press the chest hard?

(c) How can a young boy help a person who is near- drowning?

(d) State one way of preventing near-drowning at home.

55(a) How are the health parades important in a school?

(b) Write down one role of a health prefect in a school.

(c) Apart from the sanitary prefect, mention any one other member of a school health committee.

(d) Give one way we can care for the people with special needs in a community.

EDUCATION IS THE BEST GIFT TO A CHILD

THE END