

CREATIVE EDUCATIONAL SERVICES

BEGINNING OF TERM I EXAMINATIONS 2025

PRIMARY SIX

INTEGRATED SCIENCE

TIME ALLOWED: 2 HOURS 15 MINUTES

Name: _____

School: _____

District: _____

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

Read the instructions carefully.

1. This 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 and black ball – point pen or ink. Diagrams should be drawn in pencil.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot be read may lead to loss of marks.
6. Do not fill anything in the box indicated "For Examiner's Use Only" and those inside the questions paper.

EXAMINER'S USE ONLY

Qn. No.	Marks	Final Mark
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 45		
46 – 50		
51 – 55		
TOTAL		
Turn Over		

SECTION A (40 marks)

1. What is poultry?

2. How are children below one year protected against tuberculosis?

3. Identify the basic process through which soil is formed.

4. Why are Nimbus clouds of great importance to a crop farmer?

5. In which state of matter is steam?

Study the diagram below and use it to answer questions 6 and 7.



6. Name the habitat of the animal in the diagram above.

7. State one way the above animal is useful in the fight against malaria infection.

8. Name the vector that spreads elephantiasis to man.

9. How is a cotyledon of a bean seed important after germination?

10. State one product got from a apiculture.

11. How are molars similar in function to grit in the gizzard of a hen?

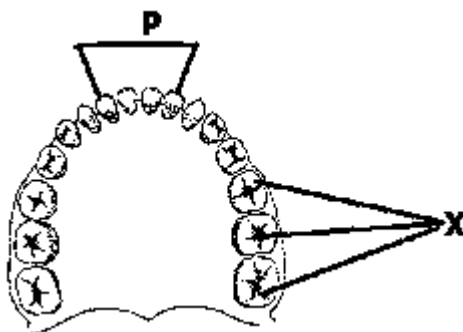
12. Give one reason why motorcycle riders should wear jackets.

13. Which part of an egg develops into a chick?

14. State one way how houseflies contaminate food.

15. Why is a brick grouped under regular objects?

The diagram below shows teeth in the jaw. Use it to answer question 16 and 17.



16. Name the type of teeth grouped under P.

17. What is the function of the type of teeth marked X?

18. Why is it a good health practice for pupils to carry handkerchiefs when going to school?

19. Why are materials made of iron usually painted?

20. What is the danger of eating unwashed fruits?

21. Where does sweet potato plant store its food?

22. Of what importance are regular physical exercises to one's health?

23. Why is mercury grouped under liquids?

24. Name one process that takes place in the ileum of man.

25. What is density?

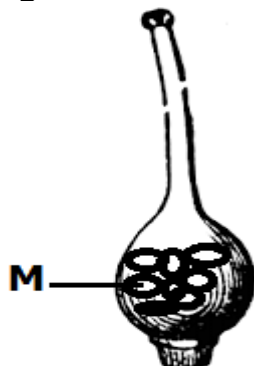
26. Which stage of a butterfly is destructive to crops?

27. How long does a doe take pregnant?

28. Identify one benefit a baby acquires through breast feeding.

29. How is littering controlled in our environment?

Study the diagram below and use it to answer questions 30 and 31.



30. Name the part of a flower illustrated in the diagram above.

31. State the importance of part marked M to a flower.

32. State one danger of bush burning to the soil.

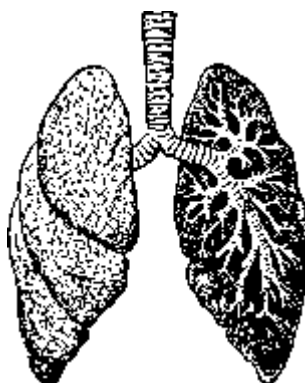
33. Write down one element of a first aid kit.

34. Why are fire extinguishers always fixed in public places?

35. State one method of keeping meat for more than three days without going bad.

36. Apart from the sun, mention one other natural source of light.

The diagram below shows one of the human body organs. Use it to answer questions 37 and 38.



37. Name the body organ in the diagram above.

38. Which component of air is removed from the body by the organ in the diagram above?

39. Give the substance that exists in all states of matter.

40. State one danger of excessive transpiration to plants.

Section B

41(a) Mention the component of soil through the following processes.

(i) weathering:

(ii) decomposition

(b) Mention one practice of man that helps to control soil erosion.

(c) Mention any one material harmful to the soil.

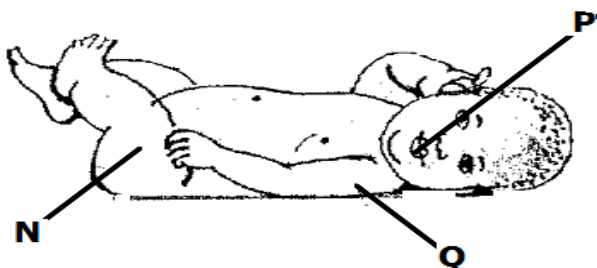
42(a) What is transplanting?

(b) Mention the best garden tool used for carrying seedlings from a nursery bed.

(c) Why is transplanting commonly done in the evening?

(d) Name one crop whose seedlings are first raised in a nursery bed.

43. **The diagram below shows imunisation sites on the body of a child. Use the diagram and answer the questions that follow.**



(a) What vaccine is administered at site marked N?

(b) How is the vaccine at site marked N administered?

(c) At what age is the vaccine administered at site P?

(d) Against which disease is vaccine administered at site Q?

44(a) State one reason why milk is the best food for babies.

(b) Give one mineral salt needed for proper development of bones.

(c) What causes aneamia?

(d) How can a mother treat Kwashiorkor in her child without using medical drugs?

45(a) Why is a stone considered a solid?

(b) Name the force that holds molecules of liquids together.

(c) Give one example a gas.

(d) State one difference between molecules in solids and molecules in gases.

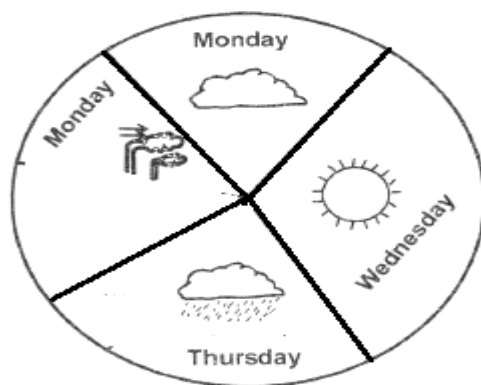
46(a) Name the type of poultry reared purposely for meat production.

(b) Why is debeaking an important practice in poultry keeping?

(c) What is the main importance of litter in a deep litter house?

(d) Mention one factor that can lead to a drop in egg production on a poultry farm.

47. **Use the weather chart to answer questions that follow.**



(a) Name the type of weather on Monday.

(b) Which instrument was used to measure the weather condition on Thursday?

(c) Which day was suitable for the farmer to carry out winnowing?

(d) Give a reason for your answer in (c) above.

48(a) Name the male bee in a hive.

(b) How is bee keeping important to a farmer growing crops?

(c) Mention one way the swarming of bees is important to bee keepers.

(d) Give one factor to consider when setting up an apiary.

49(a) Mention the role played by oxygen during germination.

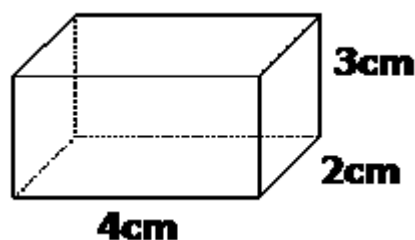
(b) State any one factor that can cause a healthy seed fail to germinate.

(c) How are the following parts of a seed important in a germinating seed?

(i) endosperm

(ii) cotyledon

50. **Use it to answer the questions that follow.**



(a) Calculate the volume of the block.

(b) Name any objects that float on water.

(i)

(ii)

(c) State one way people can use the idea of density to solve their problems in life.

51(a) How are the following practices important in crop growing?

(i) thinning:

(ii) weeding

(b) Mention any pest that attacks root crops in the garden.

(c) Why is manure the best to be used in crop growing?

52. **Match the organs in list A to their functions in list B.**

List A

Stomach
Liver
Pancreas
Large intestines

List B

absorbs water from undigested food.
absorbs digested food.
absorbs alcohol.
produces bile.
Secretes, pancreatic juice.

- (i) Stomach _____
(ii) Liver _____
(iii) Pancreas _____
(d) Ileum _____

53(a) Mention way brick making is dangerous to the environment.

(b) Why are people advised to rear fish in ponds and swamps near their home?

(c) How do trees planted around the garden control soil erosion?

(d) Mention one cause of flooding in the environment.

54(a) Who is a casualty?

(b) What is the main reason for giving first aid?

(c) Name the injuries caused by the following:

(i) hot water on the skin.

(ii) a lot of pressure on the bone.

55(a) Mention one disease caused by the following organisms in humans:

(i) viruses: _____

(b) bacteria: _____

(c) Give any one example of a vector.

(d). State one way vectors are adapted to their role of spreading diseases.

END