



BROAD EXAMINATIONS®

P.7 INTEGRATED SCIENCE EXAMINATION TRIAL SET I TERM I 2025

Time allowed: 2 hours 15 minutes.

Candidate's Name.....

Candidate's Signature:

School Name:

Read the following instructions carefully:

1. This paper is made up of two sections: **A** and **B**.
2. Section **A** has **40** questions (**40 Marks**)
3. Section **B** has **15** questions (**60 Marks**)
4. Answer **ALL** questions in both sections **A** and **B**.
5. All answers must be written in the space provided in blue or black ball point pens and ink. **Only diagrams should be done in pencil.**
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any handwriting, which cannot be easily read, may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated for Examiners' use only.

FOR EXAMINER'S USE ONLY

PAGES	MARKS	SIGN
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Teacher's comment to the learner

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Approved by:

Amrutha

Team Head Science Dept.

SECTION .A. (40 MARKS)

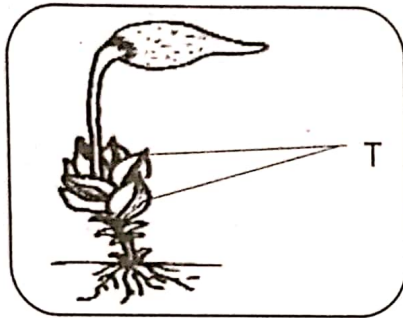
1. Mention any one organism with exoskeleton.

2. State the role of chlorophyll during photosynthesis.

3. Give any one tuber crop propagated without using seeds.

4. Mention the use of a nest to a bird.

The diagram below shows a non - flowering plant. Use it to answer questions 5 and 6.



5. Name the plant shown above.

6. How is part marked T useful to the above plant?

7. State the function of kidneys in the human body.

8. Give any one activity done to promote Maternal and Child Health Care in our communities.

9. Mention any one insect that destroys crops at its larva stage.

10. Suggest the recommended first aid for burns and scalds.

11. In which one way is blood plasma important in the human body?

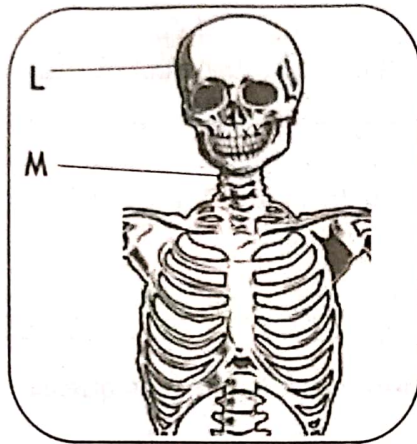
12. Write any one intestinal worm that feeds on digested food in the human body.

13. Mention any one primary sex change that occurs in both boys and girls during adolescence.

14. Write any one factor considered when siting a bee hive.

15. State one difference between legumes and cereal crops.

The diagram below shows part of the human skeleton. Use it to answer questions 16 and 17.



16. Name the part of the skeleton marked L.

17. Which movable joint is located at point M?

18. Give a reason why doctors must give written instructions to patients on how to use the drugs.

19. State the use of an arm sling in giving first aid.

20. Mention any one indicator of a dirty home.

21. Which step in cleaning clothes involves twisting and squeezing washed clothes?

22. Mention any one basic need got from animals.

Kakunda's rabbits have the following signs;

- Diarrhea with blood
- Swollen abdomen
- Rough hair
- Loss of appetite

23. Which disease could have attacked Kakunda's rabbits?

24. Briefly explain how gravity affects the weight of an object.

25. State any one reason why farmers thin their maize crops.

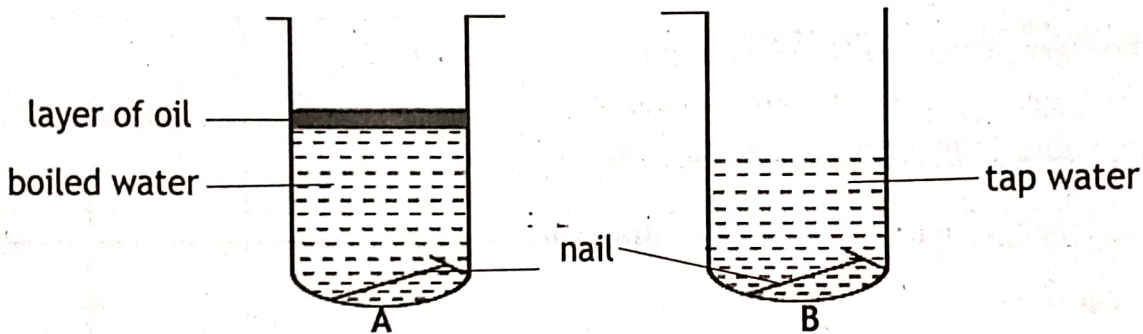
26. How does untreated gonorrhea affect the fertility of women?

27. Mention any one activity done by the help of the property of air 'air exerts pressure'.

28. State one reason why plants lose more water during the day than at night.

29. Suggest a reason why a person who has been choked is given a sharp blow on his or her back.

Study the experiment below about rusting and use it to answer questions 30 and 31.



30. In which container will the nails fail to rust?

31. Give a reason to support your answer in question 30 above.

32. Which material is used to make ceramics at home?

33. Suggest any one reason why weaning babies are given soft foods.

34. Why are the alveoli in lungs many in number?

35. Write any one device used to reproduce stored sound.

36. Give any one characteristic that makes exotic breeds of sheep better than local breeds.

37. How does BCG vaccine boost one's immunity against tuberculosis?

38. Give any one example of religious food taboos.

39. Why is it difficult to separate milk and water using a separating funnel?

40. Write down any one example of energy giving food.

SECTION .B. (60 Marks)

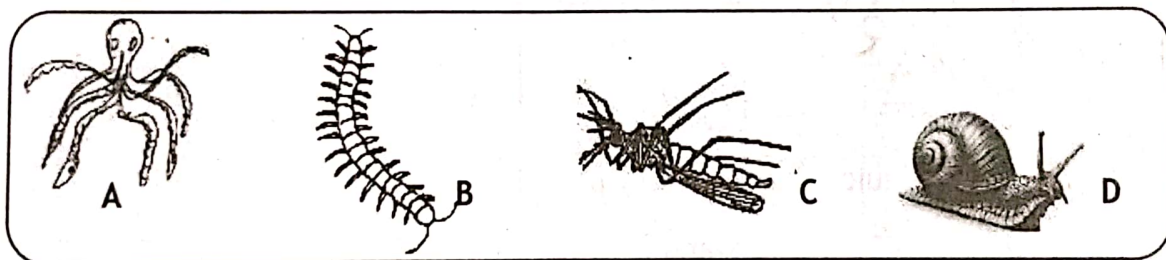
41. (a) Mention any one effect of heat gain on water.

(b) By what process does heat travel through water?

(c) State a reason why a gap is left when packing soda in a bottle.

(d) Mention any one natural source of heat in the environment.

The diagrams below show invertebrates. Use them to answer question 42.



42. (a) To which class of invertebrates do animals marked A and B belong?

(i) A

(ii) B

(b) How is animal marked B similar to animal C?

(c) How is animal D harmful to human health?

43. (a) Define the term 'pollination'.

(b) In which way are maize plants able to carry out cross pollination?

(c) Mention any one example of insects that pollinate flowers.

(d) State the role played by petals in pollination.

44. (a) Give any two natural changes caused by heavy rainfall.

(i)

(ii)

(b) Write down any two human activities that destroy our environment.

(i)

(ii)

45. (a) What causes the following malnutrition diseases among babies;

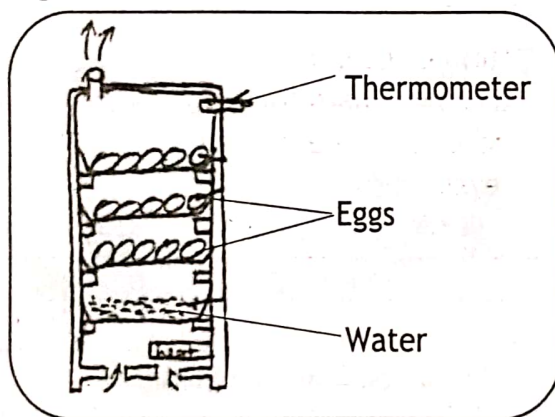
(i) beriberi?

(ii) kwashiorkor?

(b) How best can malnutrition diseases be controlled among children?

(c) Mention any one food stuff needed by a marasmus patient.

The diagram below shows a device used in incubation. Use it to answer questions 46.



46. (a) Name the type of incubation where the above device is used.

(b) How is heat important in the above device?

(c) State two advantages of using the above device in incubation.

(i)

(ii)

47. (a) How are ovaries in female reproductive system similar to the testes in males?

(b) Mention the method of family planning where the fallopian tubes are cut.

(c) State two reasons why some people produce many children.

(i) _____

(ii) _____

48. (a) Write any two materials used in making compost manure.

(i) _____

(ii) _____

(b) State the reason why water is added to materials used to make compost manure.

(c) Mention any one method of applying manure in the garden.

49. (a) In which one way can sunshine be dangerous in the environment?

(b) Mention the type of weather caused by sunshine.

(c) State two ways people manage the above type of weather.

(i) _____

(ii) _____

50. Match the following garden tools with their uses.

Garden tool

Use

rake

turning manure

sickle

digging in hard soils

forked hoe

harvesting rice

garden fork

levelling soil

(i) rake _____

(ii) sickle _____

(iii) forked hoe _____

(iv) garden fork _____

51. (a) Mention any one practice that destroys the hides of cattle.

(b) State the reason why hides should be preserved before storing them.

(c) Write any one method of preserving hides.

(d) Apart from hides, write any one product got from cattle.

52. (a) Write any two types of teeth found in milk teeth.

(i) _____

(ii) _____

(b) Mention the teeth disease that creates holes in teeth.

(c) Suggest a reason why people are discouraged from opening soda bottles with teeth.

53. (a) Why shouldn't a pit latrine be built near the water source?

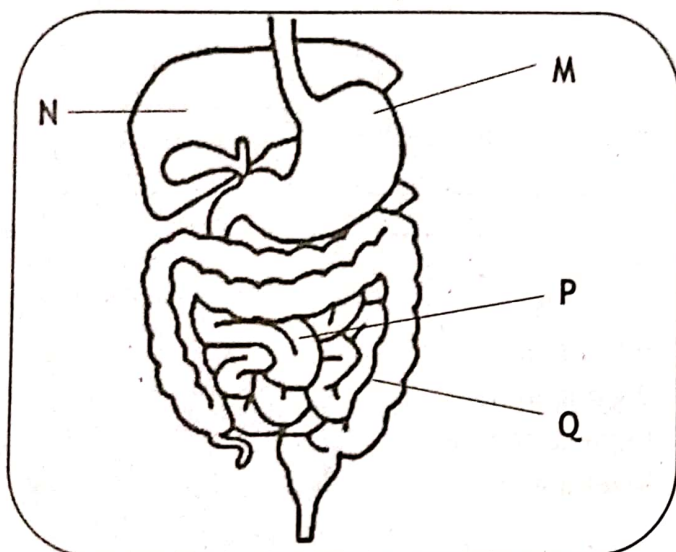
(b) Write any one advantage of using pit latrines over water borne toilets.

(c) Suggest any two measures taken to keep water borne toilets in good working conditions.

(i)

(ii)

The diagram below shows part of the alimentary canal. Use it to answer question 54.



54. (a) Which digestive juice is produced by part M?

(b) How is part marked N useful in the digestion of food?

(c) Name the substance absorbed in part Q.

(d) Why is part P coiled?

55. (a) State two reasons why people drink alcohol.

(i)

(ii)

(b) Mention the fungus that helps in making alcohol.

(c) Write any one life skill that safe guards youths against alcoholism.

END