



RAPHA EXAMINATIONS BOARD

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P.6 MID TERM ONE EXAMINATIONS 2025

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

NAME: _____

Date _____

FOR EXAMINER'S USE ONLY.

A	
B	
TOTAL	

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.**

SECTION A

1. Write any one factor to consider when starting a project.

2. Mention any one example of stem tuber.

3. Give any one use of stems to people.

4. Mention any one disorder of digestive system.

5. Why is it advisable to sleep under a treated mosquito net?

6. State one way of preventing food contamination.

In the space below, draw the female reproductive part of a flower.

7. Name any one group of vertebrate.

8. What is brooding ?

9. Mention any one cause of poisoning at home.

10. Which method is used to measure the volume of a stone ?

11. State the reason why the key sinks when lowered in a basin full of water.

12. How do hook worms enter the body of a person?

13. State the element of Primary Health Care (PHC) that controls population growth.

The diagram below shows the life cycle of a cockroach. Use it to answer questions 15 and 16.

M

15. Name the stage marked **L**.

16. Mention any one insect that undergoes the above life cycle.

17. Why are beans grouped under leguminous crops?

18. How are spinnerets important to the spider?

19. Which body organ in the human being has the same function as gills in fish?

20. Give any one way in which bacteria are harmful to people.

21. Name the type of immunity acquired by a child recovering from measles.

22. Mention any one way in which you can prevent rats at home.

The diagram below shows a property of air. Use it to answer questions 23 to 24.

23. State the property of air shown in the diagram below.

24. Give any one use of the above property of air to people.

25. Give any one condition that can lead to bottle feeding at home.

26. State any one way in which the spread of skin diseases can be controlled.

27. Write any one way in which the spread of diarrhoea can be controlled.

28. Mention any one way of making water safe for drinking.

29. Why are gaps left between railway lines during construction?

30. Apart from using scare crows, state any other way of protecting crops in the garden against crop pests.

31. Give any one reason why it's important to have enough rest and sleep.

32. Give any one way in which scalds and burns are similar.

33. State one reason why a fire extinguisher is usually painted with bright colours.

34. Write down any one PIASCY message commonly displayed in school compounds.

35. Mention any one property of matter.

36. What is the first aid for a person who has got a scald ?

37. Why do earthworms normally come out of the soil after raining?

38. Identify any one example of a hermaphrodite.

39. Give any one way in which we care for animals at home.

40. Give any one effect of rusting.

SECTION B

Questions 41 to 55 carry four marks each.

41. State the physical process in matter by which;

a) Ice turns to water _____

b) Water turns to steam _____

c) Steam turns to water _____

d) Water turns to ice _____

42a) What do you understand by the the following

i) Mammals

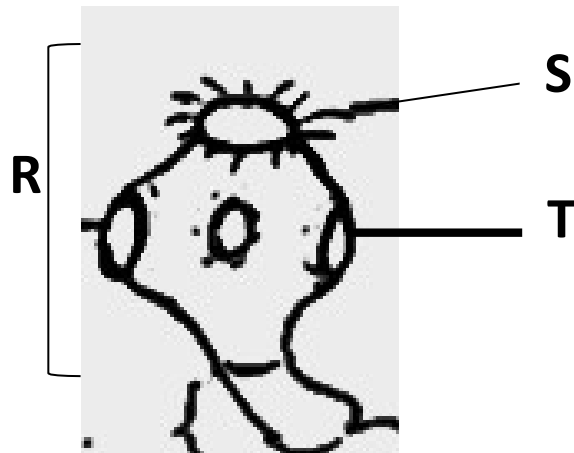
ii) Invertebrates

b) Identify the two reason why bat is regarded as bat.

i) _____

ii) _____

43. The diagram below shows the head of an intestinal worm. Study it and use it to answer questions that follow.



a) Name the parts marked R and S

i) R _____

ii) T _____

b) State the function of part marked T to the above intestinal worm.

c) What does the above worm feed on?

44. a) Why are carrots called root tubers?

b) Apart from carrots, write down any two other examples of root tubers.

i) _____

ii) _____

c) How are carrots propagated?

45a) State any two signs that show that a school child has poor sanitation.

i) _____

ii) _____

b) Give any two diseases that can break out due to poor sanitation.

i) _____

ii) _____

46 a). Name the main product got from each of the following animals.

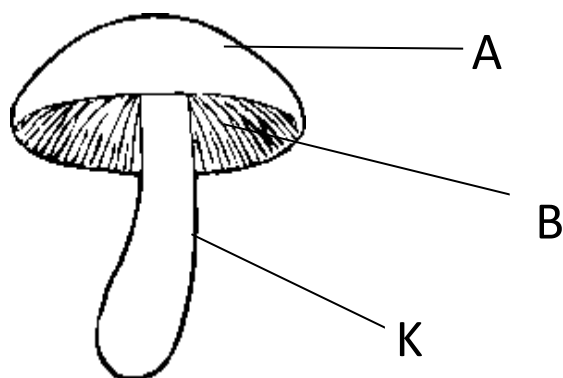
i) Merino sheep _____

ii) Angora goats _____

b) Mention any two breed of goats that are got for milk production.

i) _____ ii) _____

Use the diagram below and answer the questions that follow.



a) Name the parts marked with K and E

i) A _____

ii) K _____

b) How is part B useful to the above fungus?

c) Give any one use of the above fungus to people.

48. a) Mention any two diseases that attack rabbits.

i) _____ ii) _____

b) State any two ways of controlling diseases among rabbits.

i) _____

ii) _____

49. The table below show elements of weather in part A and their effects in part B

A	B
Wind	causes floods
Sunshine	causes rain
Clouds	causes drought
Rainfall	raises dust

Match correctly the elements of weather with its effect in the spaces provided

i) Clouds _____

ii) Rainfall _____

iii) Wind _____

iv) Sunshine _____

50. a) What do we call the loss of sufficient water in the body ?

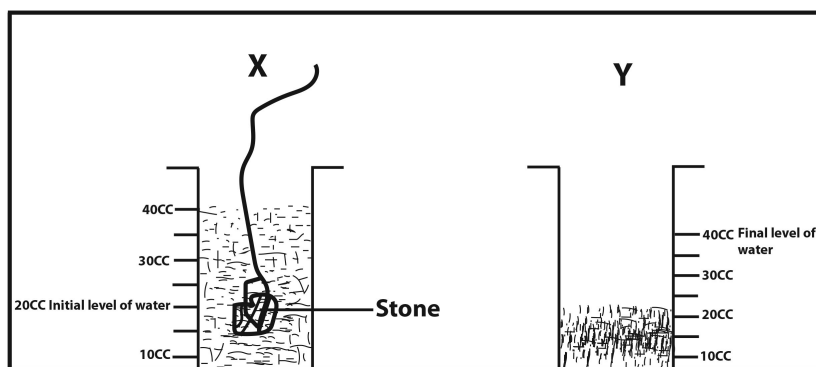
ii) Give any one mineral salt lost during dehydration.

b) State two causes of dehydration in humans.

i) _____

ii) _____

51. The diagram below shows a method of finding the volume of an irregular object. Study it carefully and use it to answer the questions that follow.



a) Identify the method of finding the volume of the irregular object shown above.

b) What is the volume of the irregular object above?

c) Name the container marked X.

d) State the role of the string in the above experiment.

52. a) Name any two states of matter.

i) _____ ii) _____

b) State any one reason why mercury is used in thermometers.

c) Under which state of matter is milk ?

53. What are carnivorous mammals?

b) Mention any two characteristics of carnivores.

i) _____

ii) _____

c) Name any one group of even toed ungulates

54. Mention any two examples of biological changes in plants.

i) _____

ii) _____

b) State any two ways in which biological changes are important in the environment.

i) _____

ii) _____

55. Mention any two requirements of a clean home.

i) _____

ii) _____

b) State any two ways how school children can promote sanitation.

i) _____

ii) _____