



THE PRIME EXAMINATIONS 2024

P.5 MID TERM I INTEGRATED SCIENCE

Time allocated 2 hours 15 minutes



Name:.....

Signature:.....

School:.....

District Name:.....

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has two sections: A and B. Section A has 40 questions (40 Marks) and Section B has 15 questions. (60 Marks)
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. Any work written in pencil will not be marked.
4. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
5. Do not fill anything in the table indicated

"FOR EXAMINERS' USE ONLY"

FOR EXAMINERS' USE ONLY		
QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

APPROVED:

Consultant
Integrated Science Department (PEC)

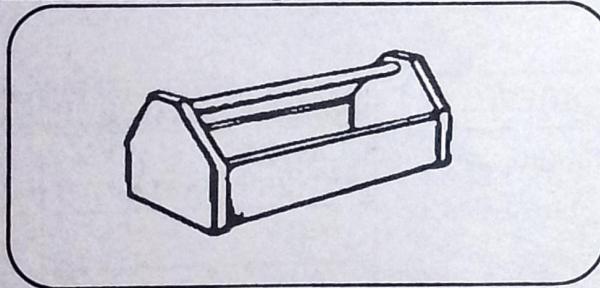
PUBLISHERS OF:-

THE PRIME; SCHEMING FRAME WORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES
LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

Section A. (40 Marks)

1. Name any one type of bee found in the hive.
2. Give a reason for boiling drinking water.
3. Why are petals of some flowers brightly coloured?
4. Name any one edible product obtained from ducks.
5. State the role of water during seed germination.
6. Give the meaning of the **term mass**.

The diagram below shows an item found in a deep litter house. Study and use it to answer questions 7 and 8.



7. Identify the item shown in the diagram above.
8. State the use of the above item to a poultry farmer.
9. Name the best season for planting crops.
10. Name the food value got from eating honey.
11. How can tapeworm infestation be prevented among people?
12. Write the first step to follow when preparing ORS.
13. Give a reason why a piece of paper floats on water.

14. State the use of soap when promoting personal hygiene.

15. Why is the hutch of rabbits made of wire mesh?

16. Name the insect that commonly pollinates flowers at night.

Study the diagram below carefully and use it to answer questions 17 and 18.



17. Identify the type of feather shown in the diagram above.

18. How is the above feather important to birds?

19. State one way in which bees benefit from plants.

20. Name the component of air that takes the highest percentage in the atmosphere.

21. State any one advantage of mulching a garden.

22. Which type of soil is the best for growing crops?

23. How do hookworms enter into our body?

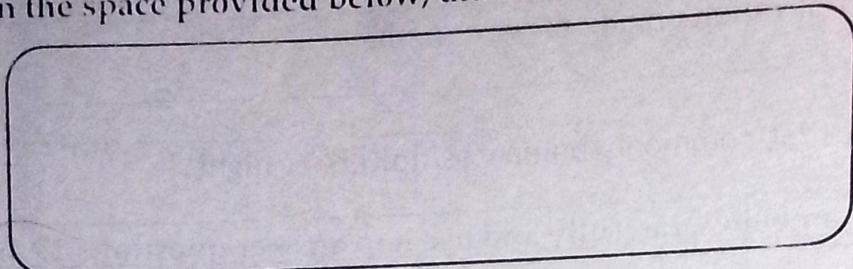
24. Apart from free range system, give one other system of keeping poultry.

25. Give any one way of preventing kwashiorkor among infants.

26. State one danger of poor disposal of human wastes.

27. Name the type of clouds that gives us rain.

28. In the space provided below, draw a leaf with a parallel leaf venation.



29. Name any one example of a sinking object.

30. How do birds reproduce?

31. What do we call *the small stones found in the gizzard of poultry?*

32. Name the sense organ for sight.

33. How are local materials like sisal important in improving sports activities in schools?

34. Which vector is involved in the 4Fs germ path?

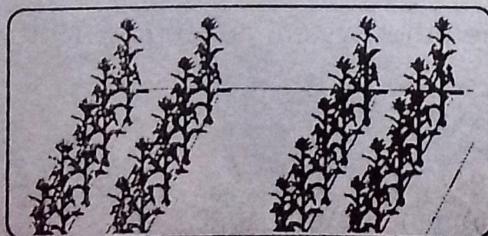
35. Mention the domestic animal used for security at home.

36. Why is displacement method used when finding the volume of an irregular object?

37. How is a spur useful to a bird?

38. Name the solvent used in making O.R.S.

The diagram below shows a method of planting crops. Study and use it to answer questions that follow



39. Which method of planting crops is shown above?

40. State any one advantage of planting crops using the method shown above.

Section B (60 Marks)

41. (a) What are *poultry vice*?

(b) Mention any two examples of poultry vices.

(i) _____

(ii) _____

(c) How does proper feeding of poultry help to control poultry vices?

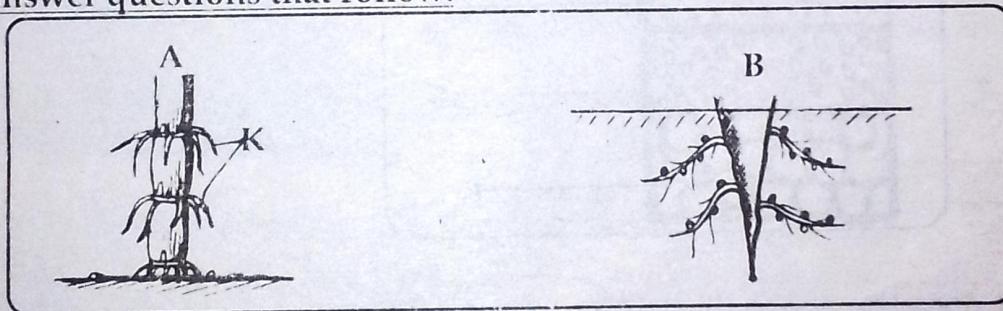
42. (a) A *part from bees*, mention two other examples of social insects.

(i) _____ (ii) _____

(b) Why are bees regarded as social insects?

(c) How do crop farmers benefit from worker bees?

43. The diagram below shows two different root systems. Study and use it to answer questions that follow.



(a) Identify the root system marked by the letters A and B above.

(i) A _____ (ii) B _____

(b) State the role of roots marked K on diagram A above.

(c) How does root system B help to maintain soil fertility?

44. (a) Give the role of the following types of teeth to man.

(i) incisor teeth

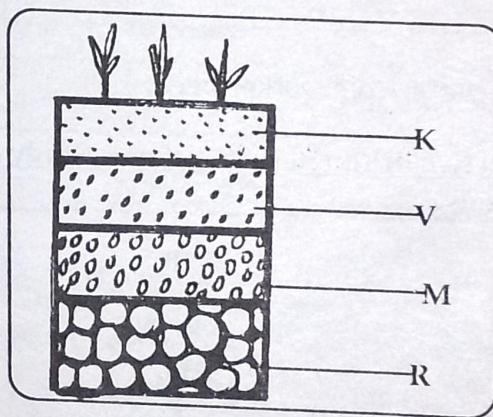
(ii) canine teeth

(b) State one practice that can be done to keep the teeth in a good working condition.

45. (c) What possible danger is likely to happen if the above practice mentioned in (b) is not observed?

- Given materials like water, measuring cylinder, a thread, a stone and an overflow can, in four sentences, explain how you can determine the volume of the stone. (04 marks)
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-

46. The diagram below is about soil. Study it carefully and use it to answer the questions that follow.



- (a) What does the above illustration represent?

- (b) Name the soil layers marked by the letters V and R.

(i) V _____ (ii) R _____

- (c) Why is layer K considered to be the best for growing crops?

47. (a) Name the main source of water in the environment.

- (b) State two uses of water at home.

(i) _____

(ii) _____

- (c) How can drinking water be protected from contamination in a home?
-

48.

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The table below shows different types of chicken. Study it carefully to answer the questions that follow.

Type A	Type B	Type C
Ancona	Light Sussex	Rhodes Island red
Minorca		

(a) Which of the above types of chicken is kept for the following purposes.

(i) meat production _____

(ii) egg production _____

(b) Name the type of mash given to chicks below 8 weeks.

(c) How can a farmer improve on the egg production on his poultry farm?

49.

(a) Give two food sources of proteins.

(i) _____ (ii) _____

(b) Why would you advise P.5 pupils to feed on food stuffs rich in carbohydrates?

(c) Name the deficiency disease got due to lack of proteins in a diet.

50.

(a) What is meant by the term *personal hygiene*?

(b) State two ways of promoting personal hygiene.

(i) _____

(ii) _____

(c) Name any one disease spread to people due to poor personal hygiene.

51.

Match the vectors to the diseases they spread.

A	B
(i) Fresh water snail	Rabies
(ii) Rabid dogs	Bilharziasis
(iii) Housefly	Polio
(iv) cockroach	cholera
(i) Fresh water snail	_____
(ii) Rabid dogs	_____
(iii) Housefly	_____
(iv) cockroach	_____

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52. (a) Give any two characteristics of exotic breeds of chicken.

- (i) _____
(ii) _____

(b) State two physical differences between a **hen** and a **cock**.

- (i) _____
(ii) _____

53. (a) How are the following body organs important to people?

- (i) Heart
(ii) Lungs

(b) State two ways in which you can care for your body organs.

- (i) _____
(ii) _____

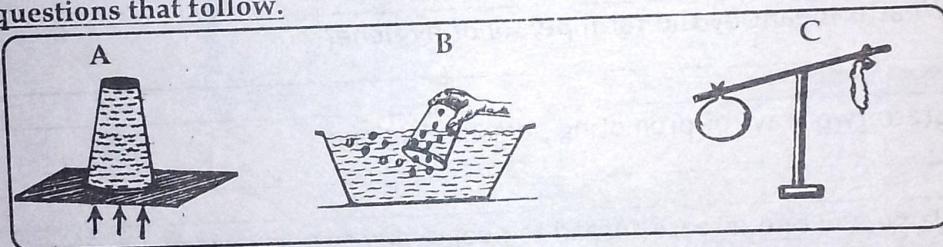
54. (a) In which units are the following measured;

- (i) mass _____
(ii) weight _____

(b) State two examples of objects that sink when put on water.

- (i) _____
(ii) _____

55. The diagram below shows properties of air. Study and use it to answer the questions that follow.



(a) Identify the property of air represented by letters A and C.

- (i) A _____ (ii) C _____

(b) Name the gas that plants use when making food.

- (c) State the danger of wind to the environment.
