

# KAMTEC EXAMINATION BOARD

## SET ONE EXAMINATIONS

2025

### PRIMARY SEVEN

### INTEGRATED SCIENCE

**Time Allowed: 2 hours 15 minutes**



KAMTEC EXAMINATIONS BOA



KAMTEC EXAMINATIONS BOA

Random No:					Personal No:		

Candidate's Name: .....

Candidate's signature: .....

District ID No:

DISTRICT NAME .....

School Name: .....

Read the following instructions carefully :

1. Do not forget to write your **school** or **district** on the paper
2. This paper has two sections: **A** and **B**.

Section **A** has **40** questions and section **B** has **15** questions.

3. Answer **all** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a **blue** Or **black** ball point pen or ink. Any work Written in pencil will not be marked.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
6. Do not fill anything in the table indicated **"FOR EXAMINER'S USE ONLY"**

FOR EXAMINER'S USE ONLY		
QN. NO.	MARKS	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
<b>TOTAL</b>		

**TURN OVER**

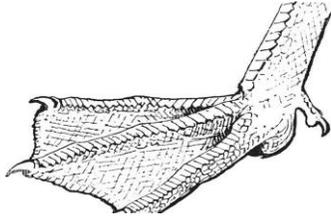
## SECTION A

1. Name any one play material made from banana fibers.  
\_\_\_\_\_
2. Which disease of the eyes is spread by housefly?  
\_\_\_\_\_
3. How can a crop farmer reduce overcrowding of plants in a garden?  
\_\_\_\_\_
4. Name the water borne disease that affects bones.  
\_\_\_\_\_
5. Give one reason a spider is not regarded as an insect.  
\_\_\_\_\_
6. Mention any one activity children can carry out to keep the floor of the house clean.  
\_\_\_\_\_
7. Which property of the air enables us to drink soda using a straw?  
\_\_\_\_\_
8. How are pineapples, banana and sisal similar in their way of propagation?  
\_\_\_\_\_
9. State any one physical characteristic which separates an adolescent boy from an adolescent girl.  
\_\_\_\_\_
10. In which way does a hyena benefit from being near a lion in its environment?  
\_\_\_\_\_
11. Give a reason why pit latrines should be constructed at least 30metres away from a water source.  
\_\_\_\_\_
12. Name the garden tool drawn in the diagram below.



13. State any one use of the garden tool to a farmer.  
\_\_\_\_\_
14. Write PIASCY in full.  
\_\_\_\_\_
15. Identify any one danger of sharing your handkerchief with another person.  
\_\_\_\_\_

Below is a foot of a bird. Use it to answer questions 16 and 17.



16. Which type of foot is shown above?

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17. To which group of birds does the above foot belong?

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18. Air is the mixture of gases. Name the gas with the large percentage in the atmosphere.

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19. In which state of matter are molecules very closely packed together?

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20. The diagram below shows a tooth.



21. How important is the above tooth to people?

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22. A block has a mass of 100g and volumes of 25cm. find its density.

23. Which structure on a granary prevents rats from entering it?

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24. State the type of chicken kept for meat production in Uganda.

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25. Write down one activity done at school to promote sanitation.

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26. Besides the elderly, give any other vulnerable group of people.

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27. In the space provided below, draw a blood cell that helps to fight against disease germs in the body.

28. How is a guitar as musical instrument different from a xylophone?

29. What scientific name is given to the larva stage of the butterfly?

30. Mention one crop that stores food in the swollen underground stem.

31. Give any one secondary sex characteristic in boys.

32. Name the childhood killer disease controlled by using BCG vaccine.

33. Which element of weather makes murrum roads slippery?

34. Why do some farmers put scare crows in their gardens?

35. Mention any one garden practice which needs dry plant materials to take place.

36. What name is given to the three smallest bones found in ears?

37. Give any one way in which plants reduce the rate of transportation.

38. Differentiate between renewable resources and non-renewable resources.

39. Mention one part through which foreign bodies find their way into the human body.

40. State one element of PHC that helps in the prevention of the killer disease.

## SECTION B

41. (a) Name any two types of teeth found in adult person.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Mention any one disorder of the teeth.

\_\_\_\_\_

(c) Give any mineral salts that make out teeth strong.

\_\_\_\_\_

42. (a) why is mercury preferred to be used in a clinical thermometer than alcohol?

\_\_\_\_\_

(b) Of what value is a constriction in a clinical thermometer?

\_\_\_\_\_

(c) Convert  $68^{\circ}\text{F}$  to  $^{\circ}\text{C}$  (2marks)

43. (a) What is mulching?

\_\_\_\_\_

(b) State any two reasons why mulching is important to crop farmer?

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

c) Identify any one disadvantage of mulching.

\_\_\_\_\_

44. (a) Apart from feather pecking, name any two other vices in poultry.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Give two solutions that can control vices in poultry.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

45. (a) State the main cause of fainting.

\_\_\_\_\_

(b) Why is it important to raise the legs of a person who fainted slightly higher than the head?

\_\_\_\_\_

(c) Give any one reason of removing tight clothes around the chest and neck of who fainted.

\_\_\_\_\_

(d) Name any one condition that leads to fainting.

46. (a) what are deficiency diseases?

(b) Write down any two deficiency diseases you know.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) How can one control kwashiorkor in infants?

47. (a) Name any two layers that make up the soil profile.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) State the component of soil formed by decomposition.

(c) Name the method of controlling soil erosion that involves making of steps across a slopping piece of land.

48. (a) Mention two examples of percussion musical instrument..

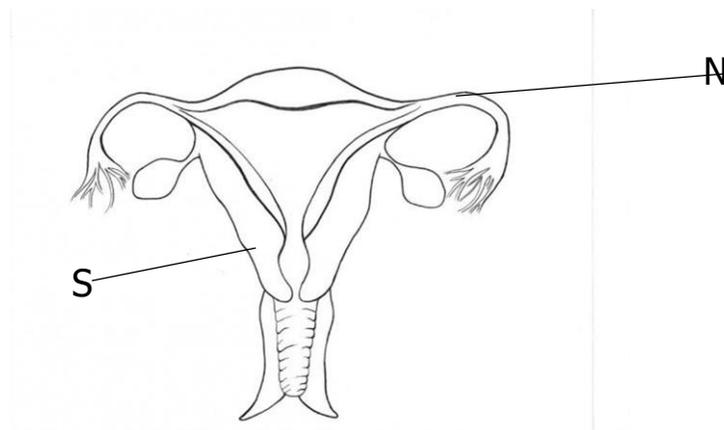
(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) How do percussion instruments produce sound?

(c) Give one factor that affects the pitch of sound produced by a percussion musical instrument.

49. The diagram below is of a female reproductive organ. Study it and answer the question below.



(a) Name the parts labeled with letter **N** and **S**.

(i) **N** \_\_\_\_\_

(ii) **S** \_\_\_\_\_

(b) State the function of placenta after conception has taken place.

(c) Where does fertilization take place in the female reproductive system of a rabbit?

50. (a) what is immunity?

(b) Mention two ways of acquiring immunity

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(d) Identify the component of blood responsible for immunity.

51. a) Define the term vertebrates.

b) Why is a bat called a mammal?

c) Give any two groups of animals that are warm blooded.

i) \_\_\_\_\_

ii) \_\_\_\_\_

53. (a) State the role of the following bees in a hive

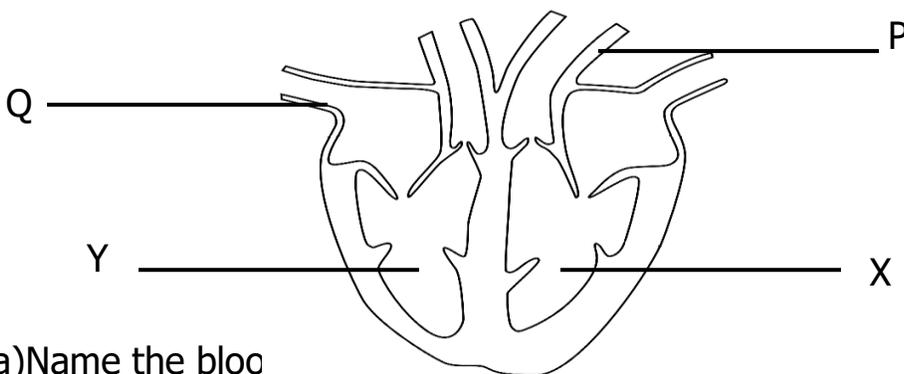
(i) Drone bee \_\_\_\_\_

(ii) Worker bee \_\_\_\_\_

(iii) Queen bee. \_\_\_\_\_

(b) Give one reason why a hive should have a queen.

54. The diagram below is of a heart. Use it to answer the questions below.



(a) Name the blood

(i) P \_\_\_\_\_

(ii) Q \_\_\_\_\_

(b) Why is part X thicker than part Y?

(c) Name one activity done to promote proper functioning of the organ.

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55. In four sentences explain an experiment to show that air has weight.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(iv) \_\_\_\_\_