

# KYOTERA DISTRICT EXAMINATIONS BOARD

## PRIMARY SEVEN MOCK EXAMINATION – 2024 INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

CANDIDATE'S NAME: \_\_\_\_\_

INDEX NO:

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SIGNATURE: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

**READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

1. This paper has two sections A and B.
2. Answer All questions. All answers to both section A And B must be written in the provided.
3. Any work written in pencil will not be marked except diagrams.
4. All answers to all questions must be written in the spaces provided.
5. All answers must be written using blue or black ball pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary crossing of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
9. Do not fill anything in the boxes indicated

**" FOR EXAMINERS USE ONLY"**

For Examiner's Use Only;

Qn No.	MARKS	INITIALS
I - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
Total		

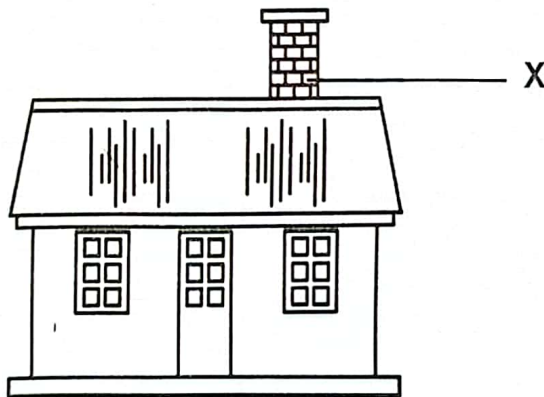
TURN OVER

## SECTION A:40 MARKS

Questions 1 to 40 carry one mark each.

1. Mention the deficiency disease that leads to the swelling of the gland in the throat.  
\_\_\_\_\_
2. Apart from books and pens, give any **one** other non-living thing found in your classroom.  
\_\_\_\_\_
3. How is oxygen useful during the process of germination?  
\_\_\_\_\_
4. In which part of the reproductive system does conception take place?  
\_\_\_\_\_
5. Mention any **one** renewable natural source of light.  
\_\_\_\_\_

The diagram below shows one of the components of a clean home.  
Study and use it to answer questions 6 and 7.



6. Name the part labelled with letter X.  
\_\_\_\_\_
7. How does smoke get out of the kitchen through part labelled with letter X?  
\_\_\_\_\_
8. Give any **one** sign of red eyes in human beings.  
\_\_\_\_\_

9. Name the condition of weather which helps a P.7 child to dry the uniform at night.

10. Mention any **one** antisocial behaviour that can lead to HIV / AIDS infection.

11. State any **one** life skill that can safe guard a learner against taking alcohol.

12. To which group of invertebrates do houseflies belong?

13. Mention any **one** advantage of rearing goats.

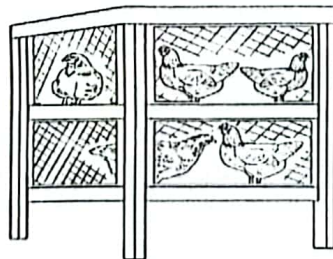
14. Why do plants near a dusty road wilt / dry more easily than those away from the road?

15. Name the type of eclipse where the earth comes between the sun and the moon.

16. Give the body sense that enables a P.6 child to hear the sound of the bell.

17. How is reproduction in a hen different from that in a frog?

**The diagram below shows a system of rearing birds. Study and use it to answer questions 18 and 19.**





18. Name the system of rearing birds shown above.

19. State any **one** advantage of using the above system.

20. In which **one** way do trees purify air in the atmosphere?

21. How is a dustbin useful at school?

22. State any **one** example of a first aid kit.

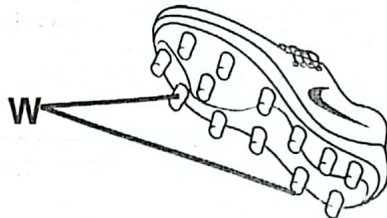
23. Mention any **one** health habit that should be observed after visiting a latrine.

24. Nampijja's body temperature rose by  $2.5^{\circ}\text{C}$ . Which term is used to refer to his health condition?

25. Name the component of blood attacked by the plasmodium germ.

26. How does prolonged breastfeeding delay the next pregnancy?

**Below is a diagram of a sports boot. Study and use it to answer questions 27 and 28.**



27. Name the structures marked with letter **W**.

28. Of what importance are the structures marked with letter **W** to the user?

29. Which fungus is used to make antibiotics?

30. Apart from protection, how else does a chameleon benefit from camouflaging?

31. Name the vaccine given to babies at the age of thirty–six weeks.

32. State **one** functional difference between veins and arteries.

33. Mention any **one** example of a plant fibre.

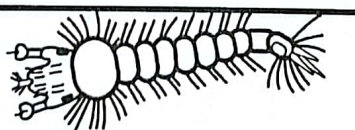
34. State **one** health importance of covering leftover food.

35. Calculate the density of a body whose mass is 150g and volume of 30cc.

36. Name the type of soil with the lowest capillarity.

37. Mention any **one** breed of cattle which is important to a dairy industry.

The diagram below shows the larva of an insect vector. Study and use it to answer questions 38 and 39.



38. Name the mosquito whose larva is shown above.

39. Give **one** way of controlling the larva stage of the mosquito named in 38 above.

40. How are PIASCY messages useful to adolescents?

## SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) Give **two** examples of cereal crops.

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

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

b) Why are cereals referred to as annual crops?

c) Mention any **one** pest that destroys cereals in the garden.

42.a) How are the following parts of a VIP latrine important?

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

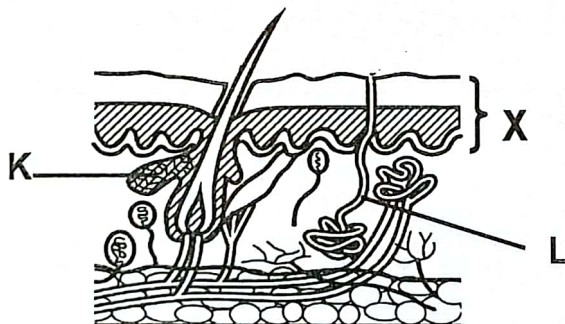
ii) spiral walls \_\_\_\_\_

b) Write any **two** ways of caring for a pit latrine.

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

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

The diagram below is of a human skin. Study and use it to answer the questions that follow.



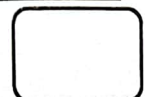
43.a) Name the skin layer marked with letter X.

b) Give the function of part marked with letter K and L.

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

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

c) State any **one** way of caring for the skin.



44.a) How is charcoal made?

b) Apart from charcoal, name **two** other examples of fuel made by people.

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

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

c) Name **one** alternative source of energy to wood fuel.

45.a) Give **one** danger of floods to crop farmers.

b) State **two** possible ways of controlling floods in the environment.

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

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

c) Apart from floods, give any other natural cause of changes in the environment.

46. The table below shows accidents and the first aid given to casualties in their wrong order.

Type of accident	First aid given to the casualty
snake bites	apply ice around the injured part.
strains and sprains	apply mouth to mouth breathing.
electric shock	tie a tourniquet slightly above the bitten part.
near drowning	immediately switch off the current at its source.

Complete the gaps below by filling in the correct first aid for the accidents as shown in the table.

a) snake bites \_\_\_\_\_

b) strains and sprains \_\_\_\_\_

c) electric shock \_\_\_\_\_

d) near drowning \_\_\_\_\_



47.a) Give any **two** breeds of rabbits kept in Uganda.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

b) Which rabbit disease has the following signs?  
diarrhoea and rough hair

c) Give **one** reason for keeping records on a rabbit farm.

48. The feeding pattern below shows interdependence of living things in the environment. Study and use it to answer the questions that follow.

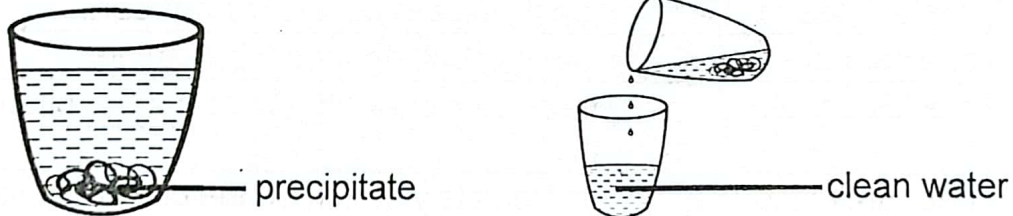
plants → grasshopper → lizards → snakes → fungi

a) Name the organism which acts as a:

- i) producer \_\_\_\_\_
- ii) secondary consumer \_\_\_\_\_
- iii) decomposer \_\_\_\_\_

b) Give any **one** way in which human beings depend on plants.

49. The diagrams below show the method of making water clean. Study and use them to answer the questions that follow.



a) Name the method of obtaining clean water shown above.

b) Why is clean water obtained by the above method not good for drinking?

c) Give any **two** activities at home where the above clean water can be used.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_



50. a) Give any **one** example of the following:

i) pouched mammals \_\_\_\_\_

ii) sea mammals \_\_\_\_\_

b) Mention any **two** similarities between birds and fish.

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

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

51. An apiarist had the following items for harvesting honey: knife, gumboots, bucket, bee veil, smoker and gloves.

a) Give the importance of a knife during harvesting honey.

\_\_\_\_\_

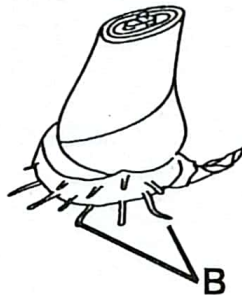
b) In three steps, explain how he will harvest honey using the above equipment.

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

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

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

52. The diagram below is of sucker of a certain plant. Study and use it to answer the questions that follow.



a) Name the roots labelled B.

\_\_\_\_\_

b) Why is it advisable to cut off the leaves before planting the sucker?

\_\_\_\_\_

c) Apart from bananas, name any other **two** examples of plants propagated by suckers.

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

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

53.a) Name the components of air that perform the following processes:

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

ii) preservation of drinks \_\_\_\_\_

b) State any **two** dangers of air in motion.

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

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

54.a) Give a reason why fencing tree seedlings in a school compound is important.

\_\_\_\_\_

b) Apart from fencing, give any other **two** ways of caring for trees in a school compound.

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

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

c) Of what value is planting trees in a school compound?

\_\_\_\_\_

55.a) Give the function of each of the following parts of the eye:

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

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

b) State any **one** way the pinhole camera is similar to the human eye in the way they function.

\_\_\_\_\_

c) Mention any **one** way of controlling the spread of trachoma.

\_\_\_\_\_

