



# KAUTHAR KIDS JUNIOR SCHOOL-MATUGGA EXAMINATIONS COMMITTEE

MID-TERM I EXAMINATION 2023

PRIMARY SEVEN SCIENCE

Time allowed:

2hours 15minutes

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

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

RANDOM NUMBER: \_\_\_\_\_

INDEX NUMBER:

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**Read and follow these instructions carefully:**

1. This paper has **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: **All** answers to both Sections **A** and **B** must be written in the Space provided.
5. **All** answers **must** be written using a blue or black ball point pen or ink but not pencil.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Unnecessary alteration of work may lead to loss of marks.
8. Do not write anything in the box with **examiner's use only**

FOR EXAMINER'S USE ONLY		
Section	MARK	Init.
<b>A</b>		
<b>B</b>		
<b>Total</b>		

*Turn over*

SECTION A (40 Marks)

1. Name any one source of food.

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2. State any one danger of polythene papers to the soil.

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3. Which drug of dependence is abused by drinking its contents?

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4. Why do maize plants develop prop roots at flowering stage?

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5. State any one difference between a door and Ventilators in terms of their function.

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6. State the adaptation of birds to fly.

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7. State one Importance of slashing tall bushes around the school compound.

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8. State the difference between Strains and Sprains.

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9. State the adaptation of maize plants to cross pollination.

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10. Which organic matter causes rotting of material matter in the environment?

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11. Mention any one example of annual crop which provide protein.

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12. What happens to mercury in a clinical thermometer?

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13. In which way are the pulmonary arteries useful during blood circulation?

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14. State any one way plants depend on soil.

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15. How is reproduction in a mushroom similar to that of fungi?

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16. Name the reproductive part of flowering plants in the environment.

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17. Give one reason why bees abscond.

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18. Which vaccine is administered to babies at the age of nine months?

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19. State one way of preventing Constipation among family members.

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20. Apart from wood shavings, name one other material used as litter in a poultry house.

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21. Which type of change causes multiplication and growth in living things?

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22. Give one way in which spreading of beddings in sunshine is important.

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23. How do tapeworms enter our body?

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24. State the importance of water during germination.

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25. Name one condition necessary for germination to take place.

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26. What is sound?

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27. Name one example of stem tuber.

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28. How important is heat from Sunshine to sliced Cassava.

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29. Name the food Value got from eating fish.

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30. State any one property of matter.

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31. How does a skunk protect itself?

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32. Why is transplanting of seedling done in the evening.

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33. How is rat guard adapted to its function?

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34. State Any One way of controlling easy spread of diseases among poultry.

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35. Apart from nimbus clouds, name one other type of clouds.

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36. What term is used to mean an organism that causes diseases?

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37. Name one type of the above organism.

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38. What is soil erosion?

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39. State one way of controlling rusting.

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40. What term is used to mean air in motion?

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## SECTION B (60 Marks)

Questions 41 to 55 carry four marks each.

41. Define the following terms:

i) Mass:

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ii) Gravitational force:

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b) Why do we use the displacement method to find the volume of a stone.

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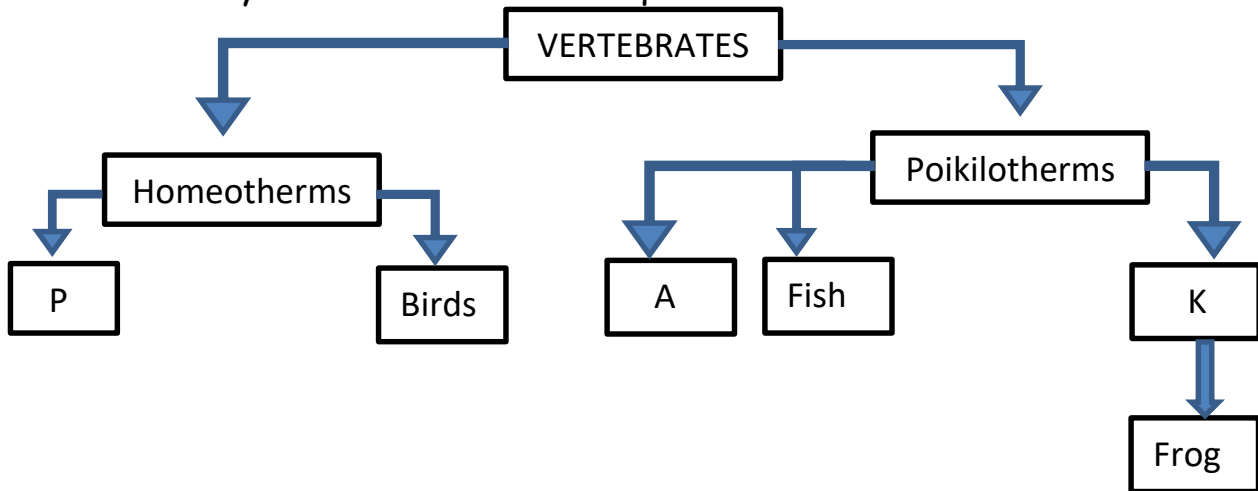
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c) When is displacement method used?

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42. The flow chart below shows classification of Vertebrates. Study it carefully and use it to answer questions that follow.



a) Identify the class of Vertebrates Marked P

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b) Apart from frogs, name other animal that belongs to the class of Vertebrates marked K.

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c) How are birds and fish similar in terms of reproduction?

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d) Give one way in which animals in group P differ from those in group A.

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43. Why do farmers keep each of the following types of chicken?

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

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

b) Give two ways a farmer can control diseases in poultry.

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44. Give any two physical changes which occur as a result of low temperature.

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b) What type of change is decomposition of organic matter?

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c) Give any one negative effect of chemical changes in the environment.

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45. What is first aid?

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b) State the main reason for giving first aid to casualty.

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c) What first aid is administered to the First degree burn?

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d) Why are Victims of second and third degree burns encouraged to take a lot of fluids?

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46. The table below shows human body systems and their roles.

Body system	Role of the body system
Circulatory system	Production of male and female gametes.
Digestive system	Oxidation of food in the body cells to produce energy
Respiratory system	Pumping blood and supplying materials in the body
Reproductive system	Breaks down food into soluble particles for easy absorption into blood streams

Write the role of each body System in the space below.

a) Circulatory system

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b) Digestive system

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c) Reproductive system

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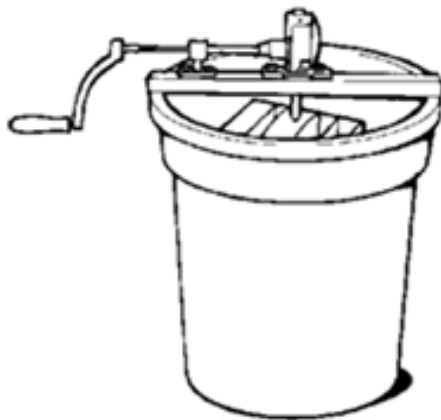
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d) Respiratory system

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47. Below is an illustration showing a machine used for extracting honey from combs. Study it carefully and use it to answer questions that follow.



a) Name the machine shown above.

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b) State the importance of warm water during floating the honey method.

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c) Why can't honey go bad?

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d) Define centrifuging as used in honey extraction?

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48. State one way tetanus germs enter the human body.

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b) State any one sign of tetanus.

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c) Which tetanus vaccine is given to:

i) Babies

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ii) Girls and women

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49. List any two adaptations of seed and fruit dispersed by animals.

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b) State any two advantages of fruit and seed dispersal.

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50. Name any two components of soil.

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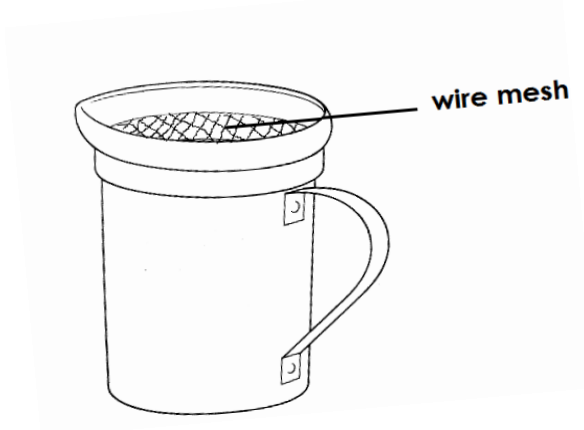
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b) State any two ways of improving on soil fertility.

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51. Study the diagram below and use it to answer the questions that follow.



a) Name the farm structure shown above.

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b) How can a farmer detect the presence of mastitis in milk?

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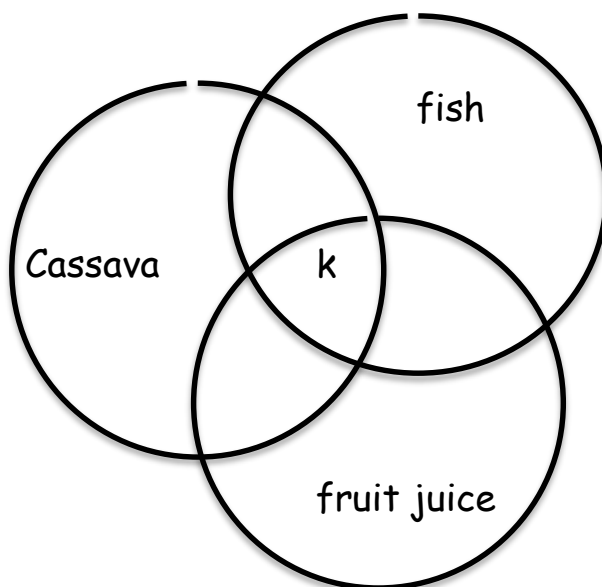
c) How can a farmer detect the presence of mastitis in milk using a strip cup?

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d) Apart from the above, name one other farm equipment used to measure the amount of water in milk.

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52. The diagram below shows food stuffs eaten by people in Fahiima's home. Study and use it to answer the questions that follow.



a) What type of meal is represented by letter K

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b) Why is it advisable for a member like Hanisha who is a family member to feed on Cassava?

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c) Which food stuff from the above diagram would you advise Ryan who is a parent to give his children in order to prevent kwashiorkor?

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d) which class of food does one get after eating fruit juice?

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53. The diagram below shows a hand washing facility. Study it and use it to answer the questions that follow.



a) Name the hand washing facility above.

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b) Name any one disease that can be controlled from spreading using the above facility.

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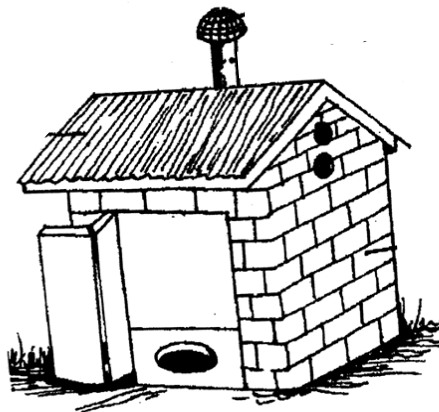
c) Why is the facility above operated using the foot?

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d) Name the element of PHC shown above.

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54. Study the diagram below and use it to answer the questions that follow.



a) Why is the type of latrine above said to be ventilated?

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b) How is a door similar to the spiral according to structure above in terms of their function.

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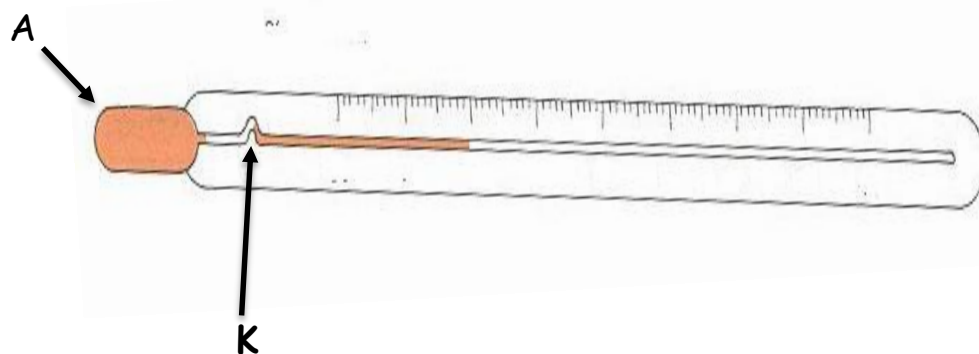
c) State one component of the above latrine.

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d) How does the above type of latrine helps to control the spread of diarrhoeal diseases?

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55. Study the diagram below and answer the questions that follow.



a) Name the part marked A.

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b) State the function of part marked k.

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c) How important is the above to a doctor?

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d) Name one part of the body where the above equipment is put.

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