



SOROTI DISTRICT PRIMARY SCHOOLS MOCK 2023



PRIMARY SEVEN

INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.					Personal No.		

Name:

School:

Signature:

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FOR EXAMINERS'
USE ONLY

1. The 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 spaces provided.
5. All answers must be written using a blue or black ball-point pen or ink.
Diagrams should be drawn in pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for examiners use only.

QN. NO	MARKS	EXR'S
NO		
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
TOTAL		

Turn Over

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SECTION A (40 MARKS)

1. Name any one non-living resource in the environment.
2. State one reason why expectant mothers are grouped under vulnerable groups of people.
3. Give any one way of preventing kidney stones.
4. How does decanting help to clean water?
5. Name any one irreversible type of change.
6. State any one way of reproduction of a millipede is similar to that of a cockroach.
7. Give any one way of controlling tuberculosis.

The experiment below was carried out by a p.6 pupil about sound. Use it to answer questions 8 and 9



8. Name the source of sound from the above experiment.
9. How is sound produced from the above experiment?
10. State any one way a school health club can carry out demography in a community.
11. Name any one property of magnets.
12. Which element of weather rises temperature in the environment?
13. Give any one health habit that reduces garbage in our home compounds.
14. Mention any one type of blood vessel in the body.
15. Why is yeast added during the making of ethyl alcohol?

16. State any one way of protecting rabbits from pneumonia.

17. Give one way milk can be prevented from contamination in bottle feeding.

18. Mention any one health danger of not washing clothes.

19. How does improper growth of teeth lead to indigestion?

20. State any one thing to consider when classifying flowering and non-flowering plants.

21. Give any one reason why gonorrhea should be well treated in women.

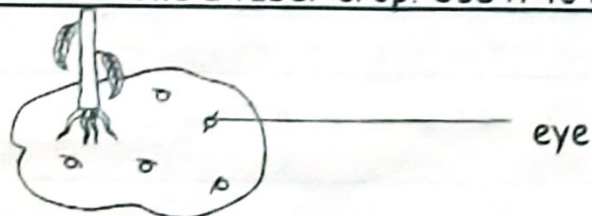
22. Mention any one way crops benefit from trees in agro-forestry.

23. State any one sign of worm infestation in the body.

24. In which way are regular health parades important to children at school?

25. Name any one type of chicken.

The diagram below shows a tuber crop. Use it to answer questions 26 and 27.



26. Name one fungal disease of the above tuber crop.

27. How is the above tuber crop propagated?

28. State one way of preventing night blindness.

29. Why does an opaque object form a shadow when light falls on it?

30. Mention any one breed of cattle.

31. Give any one characteristics of bacteria.

32. State any one way of controlling effects of harmful materials on soil.

33. Name the dangerous stage of a cockroach to humans.

34. In which one way has the use of electricity conserved the environment?

35. Which element of weather helps to reduce fleas in our beddings?

36. Give any one reason of keeping goats in a pen.

37. Why is a minimum thermometer used to measure lowest temperature of the day.

The diagram below shows how to administer first aid to a near drowning person. Use It to answer question 38 and 39.



38. Name the first aid illustrated above.

39. Why is the above first aid applied to a near drowning person?

40. Give any one principle of P.H.C.

SECTION B

41. a) Mention any one reproductive health problem among adolescents.

b) State any one role of a PIASCY club at school in preventing HIV/AIDS.

c) How does abstinence help to safe guard adolescents from HIV/AIDS?

d) In which one way does early pregnancy affect reproductive health among adolescents?

42. The diagram below shows one of the equipment used at home. Use it to answer questions that follow.



- Name the source of heat used in the above equipment.
- How does heat travel through the above equipment.
- State one way the use of the above equipment affects the environment.
- State what should be done in the environment to maintain the use of the above equipment.

43. Joan had the following foodstuffs in her meal, cassava, eggs and pumpkin leaves.

- Name the food value Joan will obtain from cassava.
- Which deficiency disease of the eye can Joan prevent by eating the pumpkin leaves?
- How do eggs help to prevent Joan from kwashiorkor?
- State how Joan can prevent constipation in her digestive system.

44. The table below shows how a two months baby received his vaccines. Symbol ✓ represents dose received and X shows that no dose was received. Use it to answer questions that follow.

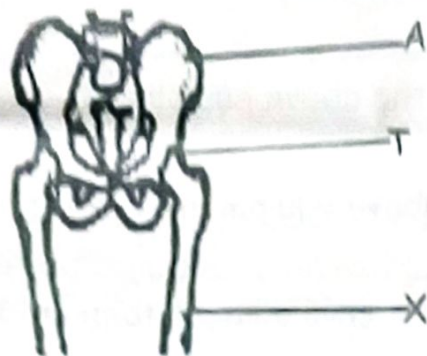
Vaccine	Age				
	At birth	At 6 weeks	At 10 weeks	At 14 weeks	At 9 months
Polio vaccine	✓	✓	✓	✓	
BCG vaccine	✓	X	X	X	
DPT vaccine	X	✓	✓	✓	
Measles vaccine	X	X	X	X	X

- Name one vaccine received by the baby at seventy days.
- Why was the baby not administered BCG vaccine at six weeks and above?

c) How does DPT vaccine help to prevent the baby from pertussis?

d) Which piece of advice would you give to the mother of the above baby after eight months?

45. The diagram below is of a joint. Use it to answer questions that follow.



a) Name part A

b) State one disorder that can affect part x

c) Why is joint T referred to as ball and socket joint?

d) State any one way of preventing disease that attack the system of the above joint.

46. a) State any one practice at home that can lead to poisoning.

b) Why is it not advisable to make a person who has taken poison to vomit?

c) Give any two ways you can take care of a person who has taken poison.

(i)

(ii)

47. John poured water upto a level of 40cc in a measuring cylinder.

He then immersed a stone of 18g which displaced 9cc.

a) Apart from the measuring cylinder, name one other apparatus John would have used.

b) What was the volume of the stone?

c) Calculate the density of the stone.

48. Esakaite would like to start a tree planting project.

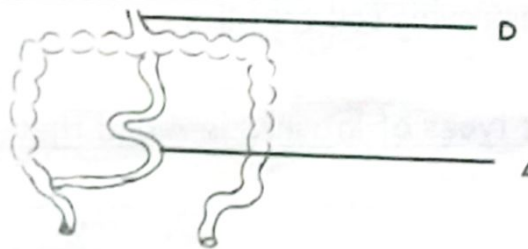
a) Name one project activity he will do to get money.

b) State any one way the community can benefit from his project.

c) Give any one reason why you would advise him to keep records.

d) In which one way can he maintain his project?

49. The diagram below shows a cross section of the human digestive system.



a) Name part R.

b) Which finger like structures are contained in A.

c) State one way part A is important to the digestive system.

d) Give any one way of preventing the above system from typhoid infection.

50. Omugenya Primary school would like to start a cattle farm of four animals to generate milk for the school.

a) Name the science oriented club to help run the project.

b) Which type of cattle would you advise them to rear?

c) Give two ways they can control diseases in their farm.

(i) _____

(ii) _____

51. The diagram below shows a garden tool. Use it to answer questions that follow.



a) Name the garden tool above.

b) How is the above garden important to a farmer when making compost manure?

c) State any one sign of disease damage in crops

d) Give any one way of controlling disease in crops during planting.

52. a) Mention any one type of soil erosion that forms channels.

b) How does strip cropping reduce soil erosion?

c) Why is dung added in a compost material?

d) State any one way of improving soil fertility

53. The table below shows types of latrines in A and their comments in B. fill in correctly.

A	B
VIP latrine	_____
_____	Has two separate vaults
Ordinary pit latrine	_____
_____	Has a septic tank.

54. a) State any one method of harvesting honey.

b) In which one way does a carpenter benefit from a bee farming project.

c) Why is it advisable to lower the hive when harvesting honey?

d) Give one reason why bee farmers should use modern bee hives.

55. a) Name one group of simple machines.

b) How does a single fixed pulley reduce effort needed to do work?

c) State any one use of pulleys in fork lifts.

d) In which one way does friction affect the efficiency of machines?

END