

MASAKA CITY EXAMINATION BOARD
MOCK EXAMINATION- 2022
INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index No. _____ / _____ / _____
Student's Index Serial No. Random No. Year

Candidate's name.....

Candidate's Signature.....

School Name.....

Read the following instructions carefully:

1. This paper has **two** sections A and B. Section A has **40** questions and section B has **15** questions .
2. Answer **all** questions. All the 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 done in pencil other than graphs, pictures and diagrams will **not** be marked
4. Unnecessary **changes** in your work may lead to **loss** of marks
5. Any hand writing that cannot easily be read may lead to **loss** of marks
6. Do not fill anything in the table indicated
“For examiners’ use only” and the boxes inside the question paper.

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		
53 - 55		
TOTAL		

MOCK PRIMARY LEAVING EXAMINATIONS 2022

SECTION A: 40 MARKS

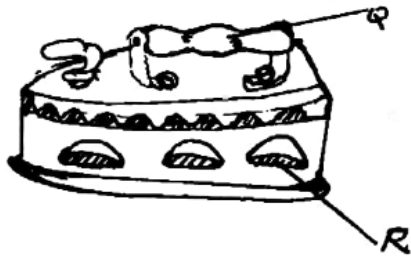
1. State one effect of too much cloud cover to the environment.

2. Give any one way of controlling of Influeza and cough in a school.

3. Which layer of soil supports the plant roots and growth?

4. Name the part of the heart that receives oxygen to the blood from the lungs.

The diagram shows an ironing box. Use it to answer question 5 and 6.



5. Give the importance of the above equipment at home.

6. Which part of a house is similar to part R in function?

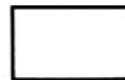
7. Name one tick borne disease in cattle.

8. State one characteristic of images formed in a pinhole camera.

9. State any one way of caring for animals as an energy resource.

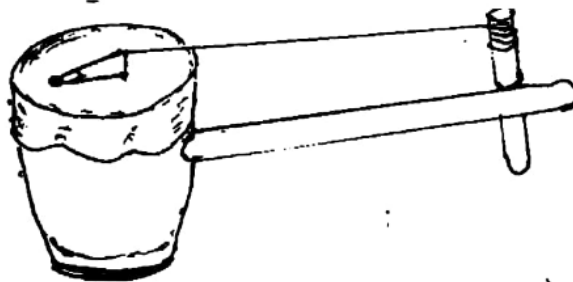
10. Give one danger of long finger nails to a person.

11. Write down any one step in preparing root crops for food.



12. _____
13. How can people benefit from traditional food customs and taboos?
14. _____
15. Which type of latrine is suitable for the vulnerable people like convalescents?
16. _____
17. What type of food do vectors with proboscis feed on?
18. _____

The diagram shows a common musical instrument. Use it to answer question 15 and 16.



19. Name the musical instrument shown above.
20. _____
21. How does the above instrument produce sound when played?
- _____
- _____
22. What energy change takes place when fossil fuels are burnt?
- _____
- _____
23. State the highway code observed when trying to cross a busy road.
- _____
- _____
24. Why is water obtained by decantation not safe for drinking? _____
- _____
25. Name one disease prevented by proper housing rabbits. _____
- _____
26. How are the functions ligaments different from that of tendons? _____
- _____

The diagram below shows a property of magnets. Study and use it to answer questions 22 and 23.

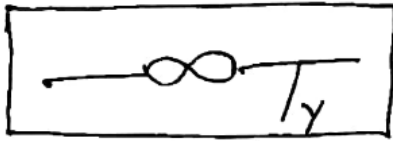


27. Which property of magnets is shown above? _____
28. Name the magnetic pole which will form at Y if the magnet is broken into two pieces at point. _____
29. State any one danger of sex deviations to the adolescent girls. _____
30. Write down one characteristic of mammals that make them different from other vertebrates. _____
31. Name the deficiency disease whose signs are; dry brittle hair, pot belly, loss of muscle mass, swollen feet and diarrhea. _____
32. What usually happens to the triceps contracts? _____
33. Why is it important to carry out crop rotation on a farm? _____
34. Where do houseflies breed in the environment? _____
35. A class went out for a nature walk and saw the following birds on the school farm; chicken, turkeys and guinea fowls. To which group of birds to these birds listed belong? _____



36. State one way a child can help the special needs people in the home. _____

37. Name the component of an electric circuit shown below.



38. Give the importance of part Y in a simple circuit. _____

39. Name the organ of the body affected by the trachoma. _____

40. Which part in a plant is similar in function to the sperms in animals? _____

41. What causes the refraction of light rays? _____

42. State one type of poultry kept in our community. _____

43. Mention any one use of essential drugs. _____

44. Give the function of the teeth with broad rough edges. _____

45. State one effect of drugs of dependence on an individual. _____

SECTION B

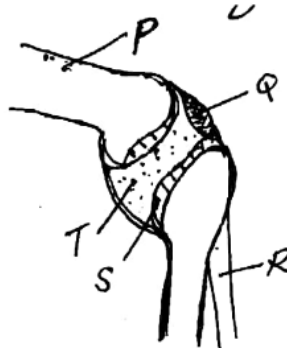
46. a) Name one common accident in a home. _____

b) State two causes of accidental poisoning at home. _____



c) What first aid can be given to a person who has drunk rat poison? _____

47. The diagram shows a type of movable joint. Study and use it to answer questions that follow:



a) Name the bones labelled p and q

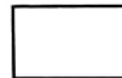
i. P _____

ii. Q _____

b) Give the similarity between T and S in terms of function.

_____ State any
one disorder of the above system.

48. a) To which group of levers does a spade in use belong?



b) Give any two ways machines make work easy to people.

c) What is the importance of oiling machines in use?

49. a) Where are fungi commonly found in our environment?

b) Give two ways how fungi are useful to people in the community.

c) State one way of controlling fungal diseases in people.

50. The diagram shows a way seeds are dispersed from the parent plant. Study and use it to answer the questions that follow.



a) Name the method of seed dispersal shown above. _____

b) Give any one example of a plant whose seeds are dispersed in the above method. _____

c) State two advantages of seed dispersal to a plant. _____

51. a) To which group of invertebrates does a grasshopper belong? _____

b) Give any two characteristics of a grasshopper as an insect. _____

c) State one-way insects are harmful to people. _____

52. a) What are insulators in electricity? _____

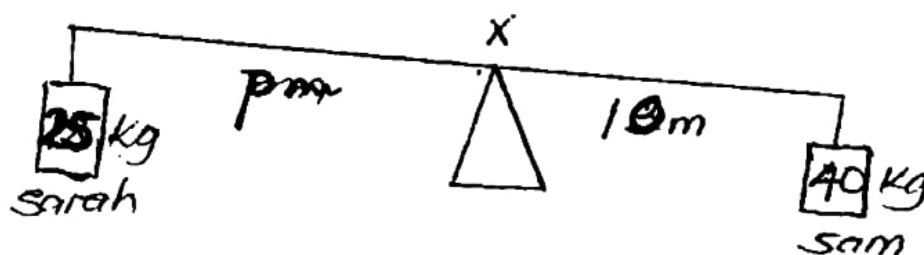


b) How is the use of a switch different from that of a fuse? _____

c) What form of energy is generated in a dry cell? _____

d) Give the importance of the coiled filament in an electric bulb. _____

53. The diagram below shows a lever used as a simple machine. Use it to answer the questions that follow.



a) Name point marked x. _____

b) Calculate the size of p. _____

c) How far is Sarah from Sam? _____

54. a) Give one example of an essential drug. _____

b) State any one quality of essential drugs. _____

c) Give any two advantages of drug prescription. _____

55. Match items in A correctly with those in B about common diseases and their prevention.

A

AIDS

Lung cancer

B

- drinking boiled water

- screening blood before transaction

COVID 19

- avoid smoking cigarettes

Diarrhea

- washing hands and wearing masks

AIDS

Lung cancer

COVID 19

Diarrhea

a)

Why is burning regarded as a chemical change?

b) Besides burning give one other example of a chemical change.

c) State any two uses of carbon dioxide to the following:

i)

Plants

ii)

People

56. a) Give one reason why coal is referred to as a non-renewable resource.

b) State any two characteristics of renewable energy resources.

c) Name one example of an energy resource from plants.

57. Complete the table below showing immunization sites and schedule.

Vaccine	Age	Disease	Mode of immunization
BCG Vaccine	a)	Tuberculosis	By infection
DPT vaccine	6 weeks	b)	By injection
c)	6 weeks	Homophiles influenza b	By injection
Polio vaccine	At birth	Polio	d)

58. Health concerns are challenges that affect health of people in a community.

a) Give two examples of health concerns in a community. _____

b) State any two activities to address the following in a community.

Lack of health
education. _____

Vector borne
diseases _____

59. a) How do plants depend on
others? _____

b) Give the importance of bacteria and fungi in a food
chain. _____

c) State two ways plants depend on
air. _____

END

