



KAMOTA

KAMPALA MODEST TEACHERS EXAMINATIONS AGENCY

**KAMPALA MODEST TEACHERS EXAMINATIONS
AGENCY (KAMOTA)
MOCK EXAMINATIONS 2022- P.7**

INTEGRATED SCIENCE

Time Allowed: 2 hours $\frac{1}{4}$ minutes

Index No.

--	--	--	--	--	--	--	--	--

Candidate's Name:.....

Candidate's Signature

School Name:.....

District Name

Read the following instructions carefully:

**FOR EXAMINER'S
USE ONLY**

Qn. No.	Marks	Examiners' No.
1 – 10		
11 – 20		

1. The paper has two sections **A** and **B**
2. Answer **ALL** questions. All 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.
4. Unnecessary changes of work may lead to loss of marks
5. Any **handwriting** that cannot easily be read may lead to loss of marks.

Do **not** fill anything in the boxes shown:

“For examiners’ Use Only” and those inside the question paper.

21 – 30		
31 – 40		
41 – 50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A.

1. Name the component of soil which helps to dissolve mineral salts.

The diagram below shows an item that is commonly found at home.



2. Give any one use of the above item at home.

3. Apart from gumboro, mention one other example of viral disease in poultry.

4. In which way do crop pests lower crop yields?

5. Name the type of chicken reared mainly for egg production.

6. How is maize propagated?

7. State any one way of controlling foot rot disease in cattle.

8. Mention any one source of the raw materials used for making mats.

9. Why is sandy soil not good for crop growing?

10. State any one disadvantage of rearing exotic breeds of chicken.

11. Name the type of soil commonly used in the making of tiles.

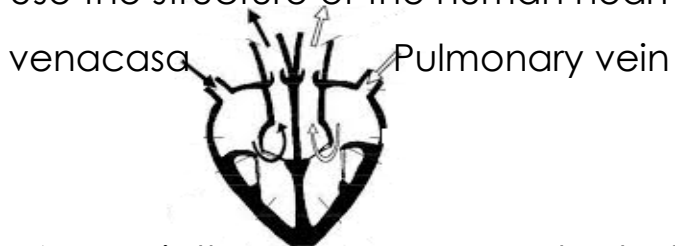
12. Mention the external body organ used for hearing.

13. Why is cassava called a root tuber?

14. What happens to the diaphragm when one breathes in?

15. State any one water impurity.

Use the structure of the human heart below and answer question 16.



16. How is the above organ adapted to its function?

17. What type of change is rusting?

18. State any one effect of HIV to the body's immune system.

19. Give any one use of chemical changes in our daily life.

20. How is skeletal system useful to the circulatory system?

21. Name the class of food which is made by the help of nitrogen.

22. Apart from immunization, state one other way of controlling the spread of Tuberculosis.

23. State any one local material from trees which is used for brushing our teeth.

The diagram below shows an accident. Use it to answer question. 24.



24. Name the kind of accident shown in the diagram above.

25. State the vector for diarrhea.

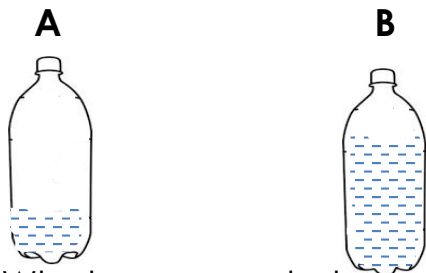
26. How does sun drying help to preserve cassava?

27. State any one way the body can acquire natural immunity.

28. State any one effect of smoking by a pregnant mother to her unborn baby.

29. Name the component of electric circuit which is used as a safety device in case of high voltage.

The diagram below shows musical instrument. Use them to answer questions.



30. What can you do to make bottle A produce the same pitch of sound as bottle B.

31. In which way do scavenger birds help to control easy spread of diarrhea diseases?

32. Name the standard unit for measuring weight.

33. State one way of reducing echoes in cinema halls.

34. Give a reason why birds of prey lack crop.

35. Apart from overflow can, state one other instrument used in the measurement of volume of an irregular object.

36. Name the group of birds with spoon shaped beaks and fully webbed feet.

37. What energy change takes place in a dry cell is in use?

The diagram below shows a beak of a bird. Use it to answer question 38.



38. Why would you group the above bird under birds of prey?

39. Why is distilled water not so useful to the body when taken?

40. Name the male reproductive cell in plants.

SECTION B

41. In one sentence give the meaning of the word, 'Heat'.

b) State any **two** effects of heat on matter.

i) _____

ii) _____

c) How do electricians control the effect of contraction on electric wires?

42. a) State any one use of anemometer.

b) State the element of weather which;

i) enables us to dry harvested crops.

ii) enables us to plant seeds.

c) How is rainfall important to a crop farmer?

43. a) How does heat travel through each of the following states?

i) solid state _____

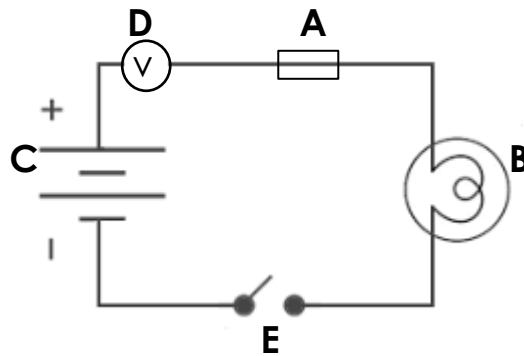
ii) liquid state _____

b) How useful is the process of heat transfer in i) and ii) above to people?

i) _____

ii) _____

44. The diagram below shows an electric circuit. Use it to answer questions that follow.



a) Name the parts of the circuit.

i) A _____ ii) C _____

b) Give any one condition which may make part B to fail to work when part E is closed.

c) What is the reading in part D when E is closed?

45. Use the table about various animals and use it to answer the questions.

P	Q	R	S
lion	turkey	tilapia	frog
seal		sardines	toad
bat			

a) To which group of vertebrates do animals in group P belong?

b) State any one similarity between animals in group P and those in group Q.

c) State any one way of caring for animals in group R.

d) Name any one other animal which is missing in group S.

46. a) State any one way a housefly is able to spread germs.

b) Mention one example of a diarrhoeal disease.

c) Give any two ways of controlling vectors at home.

i) _____

ii) _____

47. a) State any one water borne immunisable disease among infants.

b) In which one way does immunization help to protect children against childhood immunisable diseases.

c) State the two vaccines that can be given to children at birth.

i) _____

ii) _____

48. a) Name any one source of food in the community.

b) How does poor feeding affect human health?

c) Give two methods used in preservation of food.

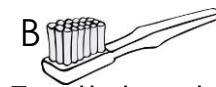
i) _____

ii) _____

49. Use the diagram of items commonly found at home.



Soap



Tooth brush

a) Of the two items, name one which is used to kill germs .

b) Mention any two reasons for spreading beddings in sunshine.

i) _____

ii) _____

c) Give any one benefit of bathing daily.

50. a) A part from fertilization, name one other important process that occurs in the oviduct.

b) Give any one disease and disorder of the productive system.

i) disease _____

ii) disorder _____

c) State any one way of caring for the reproductive system.

51. a) Give any one reason for giving first aid.

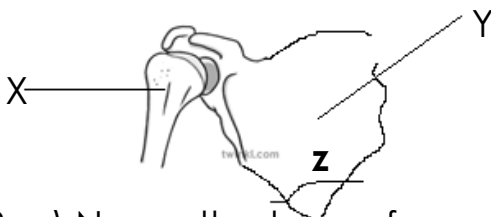
b) Give any one effect of accidents to the human health.

c) Give any two ways of controlling accidents in busy roads.

i) _____

ii) _____

The diagram below shows a type of joint in the human skeletal system. Use it to answer the questions that follow.



52. a) Name the type of movable joint shown in the diagram.

b) With the help of an arrow and letter S, indicate the fluid that lubricates the joint.

c) Apart from reducing friction, give another function of cartilage found at the ends of bones at the joints.

d) Give any one importance of joints to arthropods.

53. a) State any one use of the following as energy resources;

i) water _____

ii) plants _____

b) State any one way of conserving plants as energy resource apart from carrying out afforestation.

c) How are plants as energy resources replaced in the environment?

54. Complete the table below.

Organ	Digestive juice	Function
Mouth	i) _____	Softens
i) _____	Gastric juice	Contains pepsin which digest proteins.
iii) _____	iv) _____	contains pepsin, lipase and amylase enzymes.

55. a) Name any one example of magnetic and non-magnetic materials.

i) magnetic material _____

ii) nonmagnetic animals _____

b) Give any one property of magnets _____

c) What happens to a magnet when it is broken into pieces?

End