

KAMWENGE DISTRICT ACADEMIC BOARD

PRIMARY LEAVING EXAMINATION MOCK 2023

INTEGRATED SCIENCE

Time Allowed : 2 hours 15 minutes

Random No.	Personal No.
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CANDIDATE'S NAME:

CANDIDATE'S SIGNATURE:

SCHOOL EMIS NO:

SUB - COUNTY:

Read the following instructions carefully.

1. This paper is made up of two sections: A and B.
2. Section A has 40 short answer questions (40 marks)
3. Section B has 15 questions (60 marks).
4. Attempt all questions. All answers to section 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. Only Diagrams must be drawn in pencils.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read, will lead to loss of marks.
8. Do not fill anything in the boxes indicated for "official use only." and boxes inside the question paper.

FOR OFFICIAL USE ONLY		
Qn. No.	MARKS	EXR'S NAME
1 - 10		
11- 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47- 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A (40 MARKS)

1. Identify the type of weather suitable for winnowing grains.

2. State any one law of reflection.

3. Give any one sign of a sick animal.

4. Identify any one spore producing plant.

5. How can a farmer improve on his local breeds of goats?

6. How are birds like sun bird important to crop farmers?

The diagram below shows one of the basic needs of man. Use it to answer questions that follow.



7. Of what use is the above shown item to man?

8. Name the body part of a bird that works like the above shown item in human beings.

9. Which similarity in function is there between ovaries of a woman and testes of man?

10. State the energy change that takes place in a dry cell when the switch is closed.

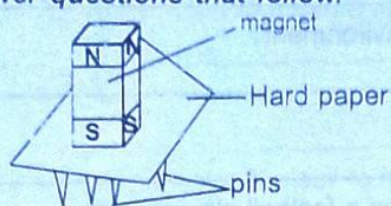


11. State the reason why the volume of a stone can't be got using the formula?

12. Why is wood used on the handle of ironing box?

13. State the reason for staking tomato plants.

The diagram below shows a method of finding out the property of magnets. Use it to answer questions that follow.



14. Which property of magnets is described in the diagram above?

15. How has the government of Uganda made immunisation affordable to all people?

16. Identify the best way a couple can prevent the contraction of STDs.

17. Identify the health practice that helps to build strong muscles.

18. Mention any one way a P.7 pupil can care for a pregnant mother.

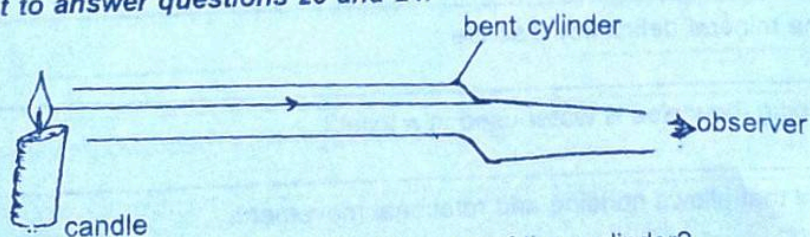
19. In which one way is the sting on a bee similar to the horn on a cow?

20. Why does sand soil allow water to pass through it easily?

21. Identify the natural process in human beings that takes place in living body cells.

22. In which one way does blood defend the body?

The diagram below shows rays of light passing through a bent cylinder. Use it to answer questions 23 and 24.



23. Why didn't the observer see light at the end of the cylinder?

24. Which property of light was being demonstrated in the diagram above?

25. Give any one way communicable disease can be controlled in your school.

26. How is the use of electricity friendly to the environment?

27. Give any one method of harvesting wood.

28. How is a stretcher helpful to a team doctor on a football playground?

29. Give any one reason why free range system of poultry keeping is bad.

**Primary seven pupils carried out an experiment below with their science teacher.
Use it to answer questions.**



30. Give the reason why water obtained by this method is not good for drinking.

31. What scientific name is given to the liquid marked X?

32. Mention one example of an excretory organ apart from the skin.

33. Which type of root system does an onion have?

34. Identify any one mineral deficiency disease.

35. Apart from flushing, how else is water used in a toilet?

36. Identify the joint that allows nodding and rotational movement.

37. Mention any one anti social behaviour common to youth in our community.

Use the list of terms used in machines below to answer questions.

P.7 Science

LOAD EFFORT FULCRUM

38. Which of the terms above is used to mean a pupil seated on a desk?

39. Name any one type of hutch.

40. Which crop growing practice helps the soil to maintain soil moisture?

SECTION B ; (60 MARKS)

41. (a) Identify any one crop harvested using the garden tools below.

(i)



(ii)



(b) State any two ways of caring for garden tools.

(i)

(ii)

42. (a) Apart from the femur, name any other bone that forms the joint at the knee.

(b) Why is the knee joint said to be a movable joint?

(c) Name the type of joint that allows movement in all directions.

(d) How is the skull important to the human body?

43. (a) Mention any one type of digestion.

(b) Identify the important process that takes place in the following parts.

(i) ileum

(ii) colon

(c) Give any one disorder of the digestive system.

44. (a) Name any two examples of wedges.

(i)

(ii)

(b) Identify the example of wedge people can use to promote personal hygiene.

(c) State one use of wedge in our daily life.

45. The diagram below shows different bells. Use it to answer questions that follow.



(a) Name the bell that produces;

(i) Highest pitch _____

(ii) Lowest pitch _____

(b) How does sound produced by one of the bells above reach a pupil in classroom?

(c) Identify any one factor that determine the pitch of sound.

46. (a) Mention any two types of bee hives.

(i) _____

(ii) _____

(b) Give any one advantage of growing flowering plants near the beehive.

(i) _____

(c) Name the material bees collect from trees to repair hives.



47. The table below shows some animals. Use it to answer questions that follow.

List A	List B	List C
Sea gull	crocodile	Bush baby
Swan	Tortoise	Monkey
Pelican	Lizard	Man

(a) Mention any one other animal that can be included on list A.

(b) How are animals in list B different from animals in other lists?

(c) Give a reason why a bat can be put in list C.

(d) How are animals in list B important to man?

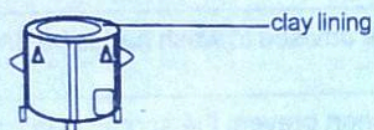
48. (a) Mention any two dairy breeds of cattle.

(i) _____ (ii) _____

(b) Why should a farmer wash the udder and teats of cows with warm water before milking them.

(c) How is a lactometer important to the milk buyer?

49. The diagram below shows an energy saving stove. Use it to answer questions 49.



(a) How is the stove above friendly to the environment?

(b) Which resource provides the fuel used in the above stove?

(c) Give one reason why the stove above is made using clay lining?

(d) Apart from the fuel used in the saving stove above, name any other example of fuel used in cooking.

50. (a) Why do we wash hands before preparing ORS?

(b) Write ORS in full?

(c) Identify the two major salts lost when one is suffering from diarrhoea.

(i) _____

(ii) _____

51. Match the parts of the female reproductive system in A with their functions in B.

A

B

(i) Vagina

where foetus grows from

(ii) Uterus

where fertilization takes place

(iii) Oviduct

produces sex cells

(iv) Ovary

Receives sperms

(i) Vagina

(ii) Uterus

(iii) oviduct

(iv) Ovary

52. (a) State one way how a single fixed pulley is used in your school.

(b) Give two ways of increasing friction.

(i)

(ii)

(c) How do ball bearing help to reduce friction?

53. (a) Mention two activities pupils can do at school to promote sanitation.

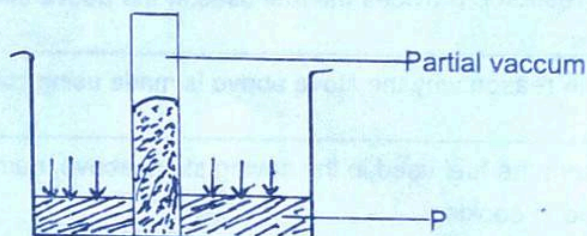
(i)

(ii)

(b) State the reason why pupils are advised to wash hands before eating food.

(c) How does cutting finger nails short prevent the spread of diarrhoeal diseases.

54. The diagram below shows a weather instrument. Use it to answer questions that follow.



(a) Name the weather instrument in the diagram above.

(b) Identify the liquid marked P.

(c) How is the above weather instrument helpful at a weather station?

(d) Why are some weather instruments kept in a Stevenson screen at a weather station?

55. (a) What is photosynthesis?

(b) State one raw material for photosynthesis.

(c) Identify any one way how photosynthesis is important to animals.

(d) Name the solution that can be used to test for the presence of starch in a leaf.

