

KAMPALA PRIMARY EXAMINATIONS CENTRE

MOCK 2022

SCIENCE

INDEX NO:

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CANDIDATE'S NAME

CANDIDATE'S SIGNATURE:

SCHOOL NAME

DISTRICT NAME.....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following Instructions carefully.

1. This paper is made up of **Two** sections:

A and **B**.

2. Answer all questions. All questions to

both sections **A** and **B** must be written
in the spaces provided

3. **ALL** answers must be written in
blue or Black ball-point pen or ink.

4. **Unnecessary** alteration of work
may lead to loss of marks.

5. Any **handwriting** that cannot easily
be read may lead to loss of marks.

6. Do not fill anything in the boxes
shown "**For Examiners**" Use Only"
and those inside the question paper.

FOR EXAMINERS' USE ONLY

Qn.No.	Marks	Sign.
1-10		
11-20		
21-30		
31-40		
41-50		
51		
52		
53		
54		
55		
TOTAL		

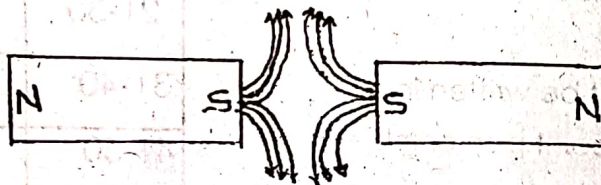
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SECTION A

1. Name the organ which produces bile juice.
2. Which disease is spread by a female anopheles mosquito in humans?
3. Mention the form of energy stored in a dry cell.
4. Why is it dangerous for a father to smoke near his family members?
5. State the use of gills in a mushroom.
6. Name the gas produced when tobacco is burnt in a cigarette.
7. Give one way in which the umbilical cord is important to the developing foetus in the uterus.
8. Identify the enzyme that breaks down proteins into amino acids.

Below is a diagram showing the property of a magnet. Use it to answer question 9.



9. Give the property of a magnet illustrated above.
10. How useful is transpiration in the environment?
11. State the use of melanin in the epidermis layer of the skin.
12. In which state of matter does sound travel fastest?
13. Give one living agent of soil erosion.

14. Apart from protection, state any other reason why a chameleon changes its colours.

15. In which way is mulching a disadvantage to crops?

16. Mention any one disorder of the human digestive system.

17. Why are rabbits not regarded as ruminants?

18. How can the pitch of a string of a musical instrument be changed?

19. Identify one method of making alcohol.

The diagram below shows a common animal, use it to answer question 20 and 21.



20. To which group of invertebrates does the animal belong?

21. Which disease does the above animal spread to human beings?

22. Mention any one example of a harmful material to soil.

23. Why is a knife regarded as a simple machine?

24. Which method of heat transfer helps farmers to dry their harvested crops?

25. How does a person get affected by ring worms?

26. State one structural difference between an artery and vein.

27. Mention one block in a village food path.

28. Why should ventilators be included on a house?

29. Write down any one example of a plant fibre.

30. How are sperms similar to pollen grains?

31. In which way are nostril hairs important during breathing?

32. What term describes the removing of wool from the body of a sheep?

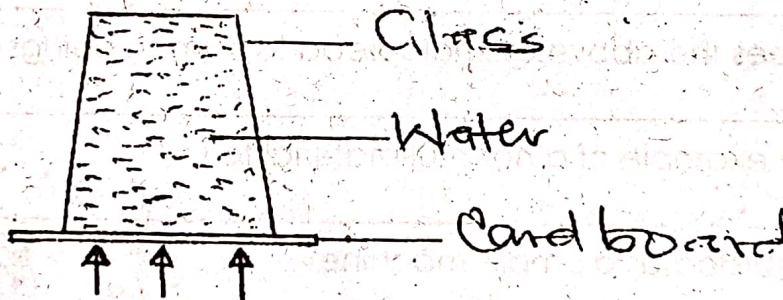
33. Mention one injury to the human skin.

34. How much sugar is needed to prepare one litre of Oral rehydration solution?

35. Identify one common secondary sex characteristic in both boys and girls.

36. Which part of the human ear is responsible for balancing the body?

The diagram below shows a property of air. Use it to answer questions 37 & 38.



37. Of what use is the above property of air to people?

38. Why doesn't the card board fall off?

39. State the way in which married couple can avoid HIV/AIDS among themselves.

40. Name the energy resource obtained from animal dung and urine.

SECTION B

41.a) What is seed dispersal?

b) Mention any two agents of seed dispersal.

(i) _____ (ii) _____

c) State one advantage of seed dispersal.

42.a) Name the human body organ where each of the following takes place;

(i) Filtration of blood _____

(ii) Blood gets oxygen and carbondioxide is removed.

b) Give the use of the components of blood below in the body.

(i) White blood cells _____

(ii) Blood platelets. _____

43. Study the food chain below and answer the questions that follow.



a) Which part of the food chain above is the producer?

b) What do the arrows represent in the food chain above?

c) How does organism P benefit from organism Q?

d) Name the major source of energy in the food chain.

44.a) Metion any two health standard operating procedures emphasised in the community to prevent COVID 19.

(i) _____

(ii) _____

b) Name any two body part affected by COVID 19.

(i) _____

(ii) _____

45. The table below shows groups of animals. Use it to answer the questions that follow.

A	B	C
salamanda	octopus	crocodile
toad	slug	lizard
frog	oyster	chameleon
newt	snail	tortoise

a) Give one similarity between animals in group A and those in C.

b) What general name is given to animals in group B?

c) Which structure do animals in group B use for sensing?

d) How do animals in group A control the spread of diseases in the environment?

46.a) What kind of food is made by green plants?

b) State one raw material used by green plants for photosynthesis.

c) How is chlorophyll important during the process of photosynthesis?

d) Give one reason why photosynthesis does not take place at night.

47.a) In the female reproductive system, state where each of the processes take place;

(i) Fertilisation _____

ii) Ovulation _____

(ii) Implantation _____

b) Mention any one disorder of the reproductive system.

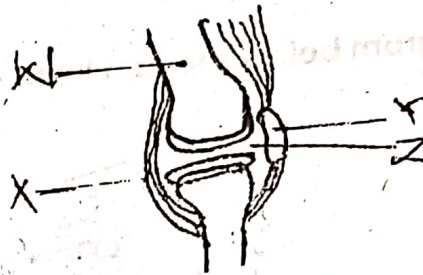
48.a) What do we call a mixture of two or more metals?

b) Give one example of a common mixture of metals.

c) How does heat move from one point to another in a metal?

d) Apart from painting, give one other method of preventing metals from rusting.

49. The diagram below shows an example of a hinge joint in human beings.



a) Name the parts labelled with letters;

(i) W _____ (ii) Y _____

b) State the importance of part marked X.

c) How is part Z similar to lubricants in moving parts of vehicles?

50. a) Mention any two characteristics of images formed by a pin hole camera.

(i) _____

(ii) _____

b) Give two ways of making images in a pinhole camera appear brighter.

(i) _____

(ii) _____

c) How is the retina of the eye similar to the film of a lens camera?

51. a) Name the type of teeth used for biting.

b) State the hardest part of a tooth.

c) Which part of the tooth contains the nerves?

d) Give one way one cares for the teeth.

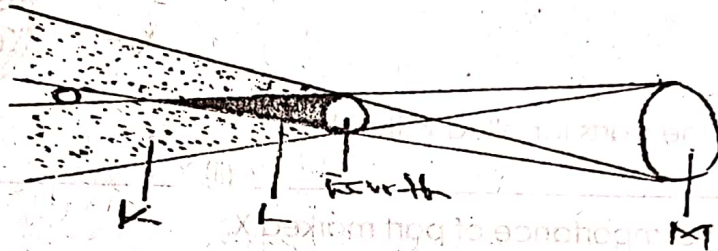
52. In an experiment, a P.5 pupil wanted to find the volume of a stone.

a) Which method would you advise the pupils to use?

b) Give a reason for your answer in (a) above.

c) The mass of a stone is 240g and its volume is 60cc. Find its density.

53. The diagram below shows a lunar eclipse. Use it to answer the questions that follow.



a) Name the part marked M.

b) Identify the regions marked by letters:

(i) K (ii) L

c) Give a reason why region marked L is darker than other regions.

54. a) Apart from filtration, give two other methods of separating impurities from water.

(i)

(ii)

b) Name two activities done in the process of cleaning clothes.

(i)

(ii)

55. a) In the spaces provided below draw;

(i) Fibrous root system	(ii) Tap root system

b) State two ways roots are important to a plant.

(i)

(ii)

****GOOD LUCK****

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