



KAGADI DISTRICT PRIVATE SCHOOLS' ASSOCIATION
PRIMARY SEVEN CONTINUOUS ASSESSMENT MOCK 2024

INTEGRATED SCIENCE

Time allowed 2 hours 15 minutes

RANDOM NO.	PERSONAL NO.
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CANDIDATE'S NAME:

SCHOOL NAME.....

CANDIDATE'S SIGNATURE:

Read the following instructions carefully:

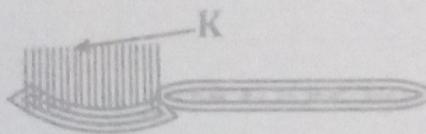
1. The paper has two Sections: A and B.
2. Section A has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Attempt all questions. All answers to both section A and B must be written in the Space provided.
5. All answers **MUST** be written using a blue Or black ball-point pen or ink.
6. Unnecessary changes 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 shown: "For Examiners' Use Only" and those Inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	Marks	Examiner's No.
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

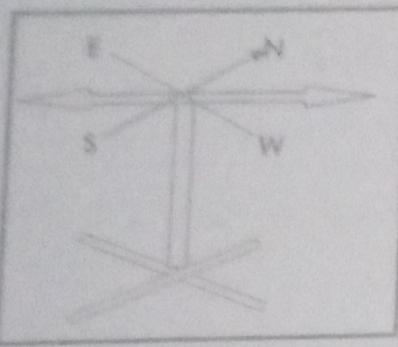
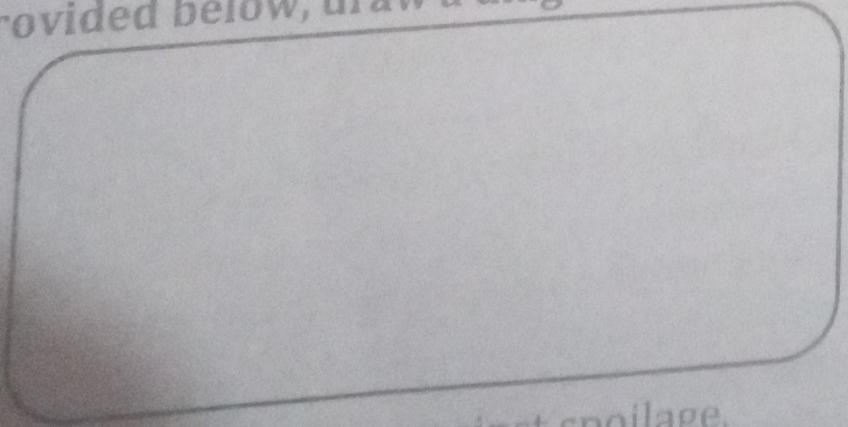
SECTION A.

1. How are insects similar to birds in the way they reproduce?
2. Name any one resource obtained from animals.
3. How is the behavior of barking helpful to a dog?
4. State the danger which can result from transplanting seedlings during a hot weather.
5. Name the injury caused when a solid hot object touches a person's skin.
6. In which way is friction useful to a P.7 pupil?
7. State any one way a person can avoid bad smell from the body.
8. Which human body organ is responsible for thinking?
9. State one way of controlling soil erosion in a school compound.

Use the diagram of one of the tools used in cleaning our teeth to answer question 10.



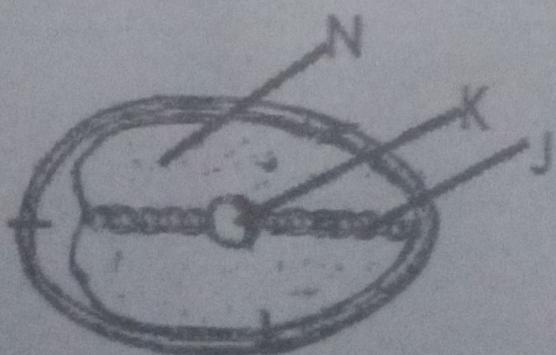
10. State the importance of structures K in cleaning our teeth.
11. Give a reason why it is important to save energy in our homes.
12. How are muscles useful to the respiratory system?
13. Give one way in which constipation can be prevented.
14. Name one disease which attacks both rabbits and poultry.
15. How can malnutrition be prevented in a family?
16. Give one way of preserving meat.

17. Name the vector which spreads sleeping sickness to people.
18. Give one way of caring for tuber crops in the garden.
19. How does the burning of rubbish help to control diseases spread by houseflies in a community?
20. State the use of the weather instrument drawn below.
- 
21. State one way in which egg eating and cannibalism can be controlled in poultry.
22. Mention one component of a VIP latrine.
23. Name the childhood immunizable disease which shows the following signs: red eyes, sore mouth, running nose, cough and rash all over the body.
24. To which group of flowering plants do beans belong?
25. Give a reason why it is important to wash hands before preparing Oral Rehydration Solution.
26. Mention any one type of smoking.
27. In the space provided below, draw a diagram to show the shape of a dairy cow.
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28. Give one way of safe guarding drugs against spoilage.
29. What type of change is rusting of metals?

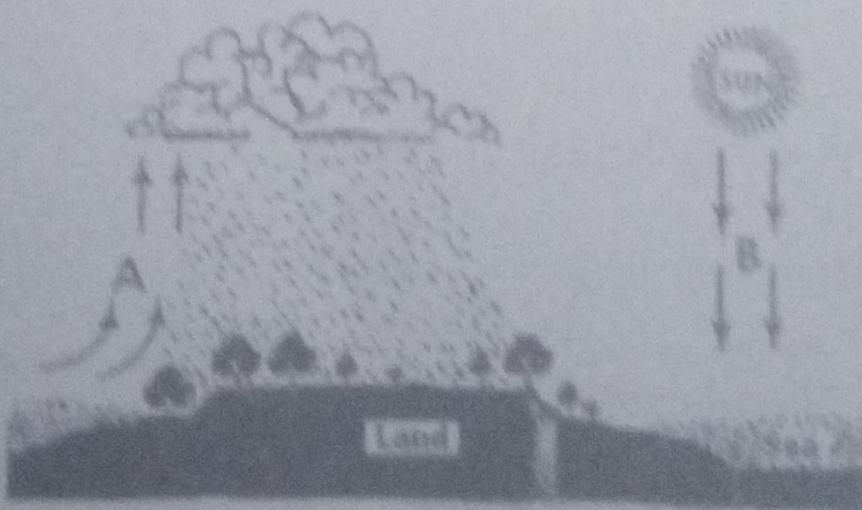
30. How is a sponge useful in promoting personal hygiene?
31. What is transpiration?
32. State the type of teeth used by mammals to bite food.
33. How are reptiles similar to amphibians?
34. Give one reason why bees visit flowers.
35. Why is mercury the best liquid to be used in thermometers?
36. Mention the body organ used to identify colours.
37. Mention any one component of air.
38. Why should a living house be properly ventilated?
39. What food value can we get from eating honey?
40. Identify the danger of hookworm infection.

SECTION B (60 MARKS)

41. a) Identify any one type of stem.
b) How can stem tubers be useful to people?
c) Give one method used by plants to climb others.
d) Apart from getting enough sunlight, why do some plants climb others?
42. The diagram below shows parts of an egg. Study it and answer the questions that follow.



- a) Name the parts marked:
(i) K ...
(ii) N ...
- b) How is part marked J useful in an egg?
- c) Identify any one factor that can make an egg fail to hatch even if all conditions for hatching are present.
43. a) State the difference between an artery and a vein.
.....
.....
- b) How are arteries useful in the body?
.....
.....
- c) Which vein links the lungs to the heart?
.....
.....
- d) Why does blood from the heart go to the lungs before it is pumped to other body parts?
.....
.....
44. a) State any two types of cattle kept in Uganda today.
(i) ...
(ii) ...
- b) How is a tail useful to a cow?
.....
.....
- c) Why do people in Uganda keep cattle?
.....
.....
45. The diagram below shows one of the natural processes that occur in nature. Use it to answer questions below.



- a) Name the natural process illustrated above.

b) What process takes place at A?

c) How is the sun useful in the above process?

d) Name one form of energy at B.

46. a) What is mulching?

b) Give a farming practice a crop farmer can use to control overcrowding of crops in the garden.

c) State one material used by crop farmers as mulches.

d) How can animals be used to solve the problem of soil exhaustion?

47. a) What happens to food in the following parts during digestion?

i) Mouth

ii) Stomach

b) How is the disorder of digestive system caused due to lack of roughages in the diet?

c) State the disorder of digestive system caused due to lack of roughages in the diet.

48. a) What is a drug?

b) Give one example of a drug that can be abused.

c) State one danger of abusing drugs.

d) How can one avoid drug abuse?

49. a) What is the difference between wind and air?

b) Why do we need wind?

c) Which property of air helps us to drink soda using a straw from a bottle?

d) Carbon dioxide gas used to preserve soft drinks?

The table below shows groups of food stuffs in our daily meals. Study it and answer questions that follow.

Group A	Group B	Group C	Group D
Cereals	Legumes	Cereals	Grains
Fruit juices	Meat	Beverages	Mangos
Rice	Fish	Fruits	Wheat
Bananas	Bacon	Vegetables	Carrots

50. a) Which group of food stuff would you choose for your family?
b) Give a reason for your answer in (a) above.
c) Identify the class of food that would be missed by someone who eat foods in group A.
d) Mention one example of deficiency diseases.
51. a) Write one accident that can be got on the way to school.
b) Identify one cause of accidents at home.
c) State the importance of an arm sling in giving First Aid.
d) State the First Aid of a snake bite.
52. a) Mention any one method of making magnets.
b) Mention one way of keeping a permanent magnet stronger for long.
c) Write two properties of magnets.
(i) _____
(ii) _____
53. a) What is Primary Health Care?

The table below shows groups of food stuffs in our daily meals. Study it and answer questions that follow

Group A	Group B	Group C	Group D
Cassava	Cassava	Cassava	Oranges
Sweet potatoes	Meat	Beans	Mangoes
Rice	Fish	Fruits	Pineapples
Bananas	Beans	Vegetables	Guavas

- Q. a) Which group of food stuff would you choose for your family?
- b) Give a reason for your answer in (a) above
- c) Identify the class of food that would be missed by someone who eat foods in group A
- d) Mention one example of deficiency diseases.
- e) Write one accident that can be got on the way to school.
- f) Identify one cause of accidents at home.
- g) State the importance of an arm sling in giving First Aid.
- h) State the First Aid of a snake bite.
- i) Mention any one method of making magnets.
- j) One way of keeping a permanent magnet stronger for long.

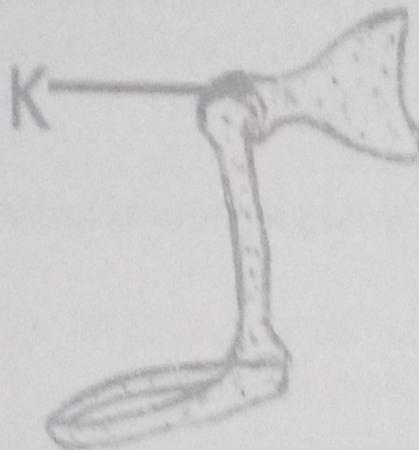
b) Give any two principles of PHC.

(i).....

(ii).....

c) Name any one element that is promoted by taking pregnant mothers for antenatal care.

54. Study the diagram below and answer the questions below



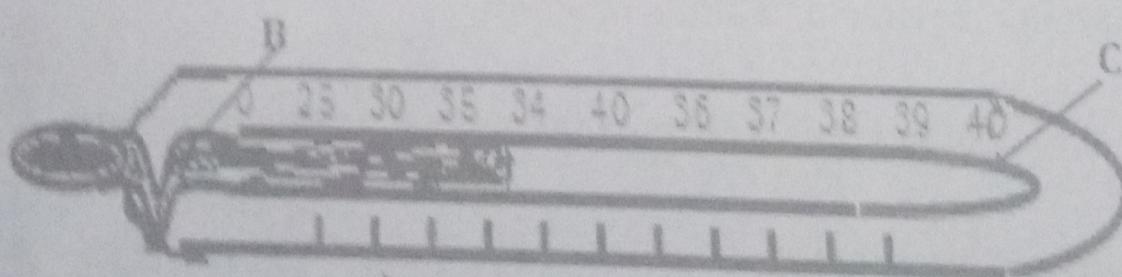
a) Name the movable joint marked K.

b) Write any one disorder of the bones.

c) Give any one habit done to promote the proper functioning of the bones

d) State the function of synovial fluid at the joint.

Use the diagram below to answer questions that follow.



55. a) Name the above instrument.

b) Which form of energy does the mercury in the instrument respond to?

c) Why is part marked C made of clear glass?

d) How is part marked B useful when using the above instrument?