



AGAGO DISTRICT PRIMARY SCHOOLS EXAMINATION BOARD
PRIMARY LEAVING MOCK EXAMINATION, 2023
INTEGRATED SCIENCE
PRIMARY SEVEN

Time allowed: 2Hours 15Minutes

INDEX NO.

EMIS No						Personal No		

Candidate's Name:

Candidate's signature:

School Name:

District :

DO NOT OPEN THIS BOOKLET UNTILL YOU ARE TOLD TO DO SO

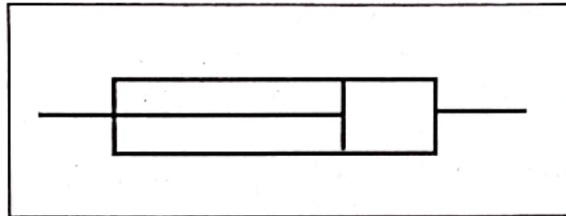
Read the following instructions carefully.

1. This paper has two section A and B.
2. Answer all questions. All answers to both sections A and B must be written in the space provided.
3. All answers must be done using a blue or black ball point pen or fountain pen.
4. Unnecessary change of work may lead to loss of marks.
5. Any handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill anything in the boxes indicated:
For Examiners' use only and those inside the question paper.

FOR EXAMINER'S USE ONLY		
QN NO.	MARKS	EXRS NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A

1. Name any **one** type of feather found on birds.
.....
2. Which part of a flower receives pollen grains?
.....
3. How do we call the turning point of a machine?
.....
4. Name the element of weather that helps crop farmers to carry out winnowing.
.....
5. Identify the component of electricity shown below.
.....



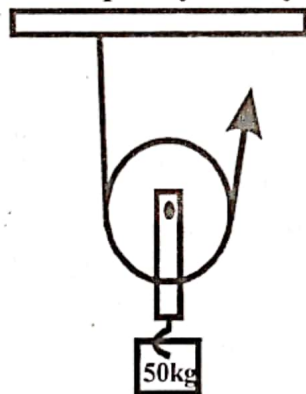
6. Give the use of the component of electric circuit shown in the diagram above.
.....
7. By what process is alcohol made from fruit juice?
.....
8. State any **one** way in which the fish benefits from its slippery body.
.....
9. Name the force of attraction between molecules of the same kind.
.....
10. Suggest **one** way a P.7 pupil can promote personal hygiene.
.....
11. To what type of change does germination of seeds belong?
.....
12. How is the function of anthers in flowers similar to that of testes in bulls?
.....
13. Give any **one** disorder of the human digestive system.
.....

The diagram below shows one of the management practices in poultry keeping. Use it to answer questions 14 and 15.



14. Name the management practice shown in the diagram above.
.....
15. How is the above practice important to a poultry farmer?
.....
16. Mention any **one** factor considered when sorting clothes for washing.
.....
17. Why does blood go to the lungs before being pumped to other body parts?
.....
18. State any **one** characteristic of images formed on the retina.
.....
19. Gabriel does not see properly when it is night time, which deficiency disease is he suffering from?
.....
20. Name any **one** component of blood.
.....
21. Identify **one** example of a flying mammal.
.....
22. Why is the filament of an electric bulb coiled?
.....
23. Name the type of eclipse formed when the moon blocks sunlight from reaching the earth.
.....
24. Give any **one** way in which school children benefit from a school garden.
.....

The diagram below is of a pulley. Study it and answer questions 25 and 26.

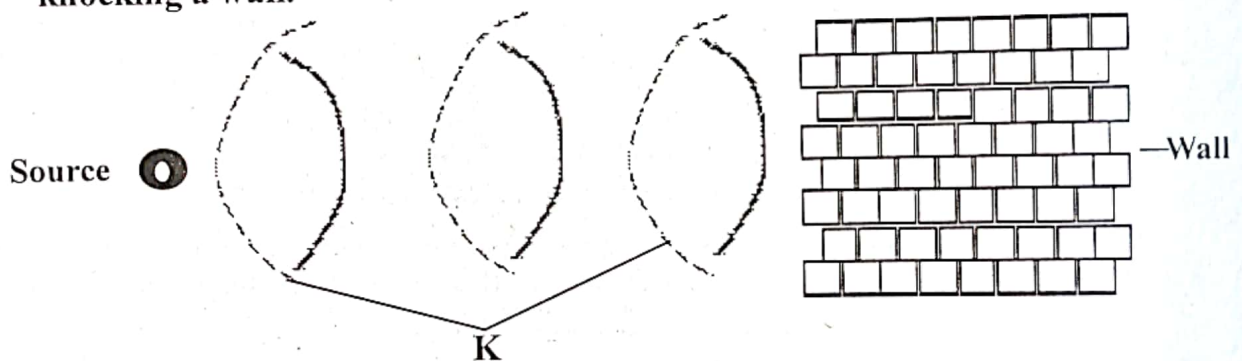


25. Which type of pulley is shown in the diagram above?
.....
26. Calculate the effort needed to raise the load shown in the diagram above.

27. State **one** role of water during seed germination.
.....
28. How is respiration an important process to animals?
.....
29. Apart from proteins, name one other class of food that we get from eating fish.
.....
30. A block has a density of 4g/cc and volume of 6cc . Find its mass.
.....

31. State the method used to find the volume of irregular objects.
.....
32. Name the human respiratory disease whose signs are loss of weight, chronic cough and blood stained sputum.
.....

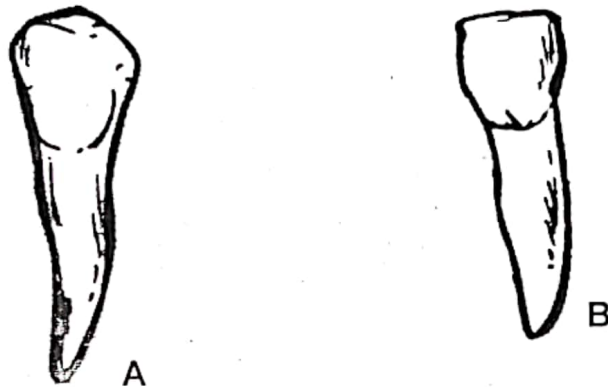
The diagram below shows sound wave which has been bounced after knocking a wall.



33. Name sound wave marked **K**.
.....
34. What is the function of canine teeth to an animal?
.....
35. To which system of flowering plants are leaves, stems, flower, fruit attached?
.....
36. How is a pineapple plant propagated?
.....
37. Give **one** other crop which is propagated in the same way as pineapple.
.....
38. State any **one** waste product removed by the skin.
.....
39. Give any **one** way the spread of Covid 19 can be controlled.
.....
40. What determines the sinking or floating of an object in water?
.....

SECTION B

41. The diagram below shows types of teeth. Use them to answer questions that follow.



- a) Name the type of tooth shown in the diagrams above.
- (i) A
- (ii) B
- b) Give the function of the tooth marked B.
-
- c) How is the type of tooth marked A adapted for the function of tearing flesh?
-
- 42 a) What food deficiency disease is caused due to lack of each of the following food values in the body?
- (i) iodine
- (ii) Vitamin C
- b) Give **two** modern methods of food preservation.
- (i)
- (ii)
43. The table below shows four (4) homes A, B, C and D requirements for proper sanitation. Use it to answer the questions that follow.

A	B	C	D
Latrine	Rubbish pit	Bathing shelters	Kitchen
Granary	Kitchen	Latrine	Granary
Rubbish pit	Bathing shelter	Rubbish pit	Latrine
Kitchen	Granary	Kitchen _s	Bathing shelter

SCI

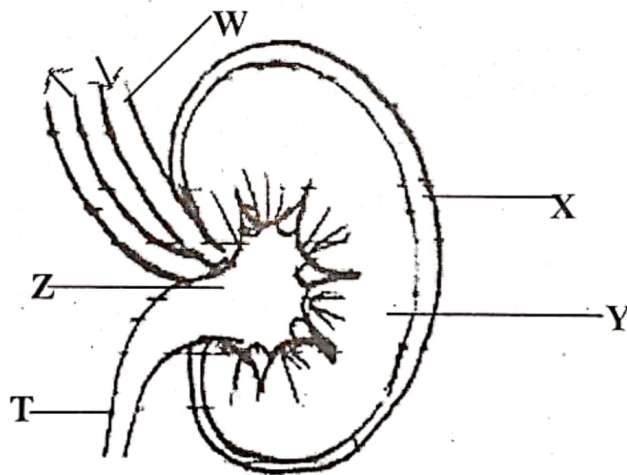
Turn Over

- a) Which home meets the requirements for good sanitation?
.....
- b) Which home is most likely to be attacked by diarrhea?
.....
- c) Give a reason to support your answer in (b) above.
.....
- d) What other **one** requirement can be added to the list above?
.....

44 a) Name the type of bees which are sterile in a bee hive.
.....

- b) Apart from honey name any other **one** product got from the bees.
.....
- c) Name any **two** materials necessary when harvesting honey from the bee hive.
(i)
(ii)

45. The diagram below shows a cross section through the kidney. Study and use it to answer the questions that follow.



- a) Name the part marked;
(i) T
(ii) Z
- b) Write down the function of part X to the kidney.
.....
- c) Identify the type of blood flowing in blood vessel W.
.....

46 a) What are disease vectors?
.....
.....

- b) Name any **three** disease vectors which are found in the environment.
(i)
(ii)
(iii)

47. Name any **four** components of the first aid kit.

- (i)
 (ii)
 (iii)
 (iv)

48 a) Complete the table below correctly.

Disease	Vaccine	Site of immunisation
(i)	BCG	Upper right arm
Polio	Polio vaccine	(ii)
Measles	(iii)	Upper left arm

b) Why is DPT vaccine regarded as a tripple vaccine?

.....

49 a) Apart from wind, mention **two** other agents of seed dispersal.

- (i)
 (ii)

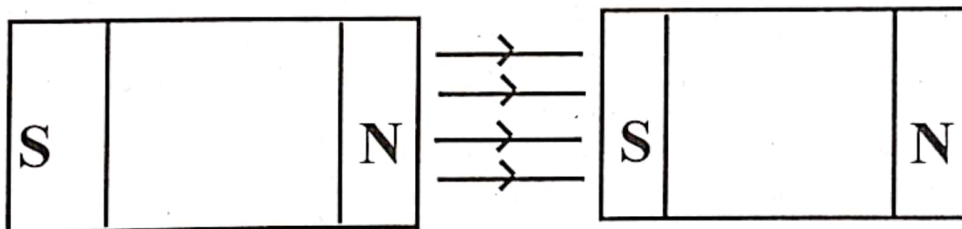
b) State any **two** characteristics of seeds dispersed by wind.

- (i)
 (ii)

50 a) What is a magnet?

.....

Use the diagram below to answer questions that follow.



b) Name the type of magnet shown above.

.....

c) What property of magnets is shown in the diagram above?

.....

d) What happens to a magnet when it is heated strongly?

.....

51 a) State any **two** qualities of essential drugs.

- (i)
 (ii)

b) Give any **two** examples of essential drugs.

- (i)
 (ii)

52 a) Write down any **two** reasons why you would classify a spider under archinds.

(i)

(ii)

b) How is the reproduction of a spider different from that of a scorpion?

.....

.....

c) Name any **one** other example of archnids apart from spiders and scorpions.

.....

53. Match the items in list **A** with those in list **B** below.

A

(i) A battery cell

(ii) A running bus

(iii) An atomic bomb

(iv) A solar cooker

B

Kinetic energy

Solar energy

Nuclear energy

Chemical energy

(i) A battery cell

(ii) A running bus

(iii) An atomic bomb

(iv) A solar cooker

54 a) What is agro-forestry?

.....

.....

b) Give any **three** reasons why it is advisable to plant trees in the school compound.

(i)

(ii)

(iii)

55. The arrangement of organisms below shows a food chain.

Grass Locust Lizard Eagle

a) Use arrows to show the energy flow among the organisms.

b) Which organism is regarded as:

(i) Producer

(ii) Tertiary consumer

c) How are bacteria and fungi important in the food chain?

.....