

MITYANA DISTRICT EXAMINATIONS BOARD
PRIMARY SEVEN MOCK 2023
INTEGRATED SCIENCE
TIME ALLOWED : 2HOURS 15 MINUTES

RANDOM No						Personal No		

Candidate's Name:

Candidate's signature:

School :

District:

Read the following instructions carefully

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		

- The paper has two sections A and B
- Section **A** has 40 questions (40 marks) and
Section **B** has 15 questions (60 marks)
- Answer all questions in A and B
- All answers must be written in the spaces
provided in Blue or Black ink
- Any handwriting which can not be read may
lead to loss of marks.
- Unnecessary crossing of the work will lead
to loss of marks.
- Do not fill anything in the boxes indicated:

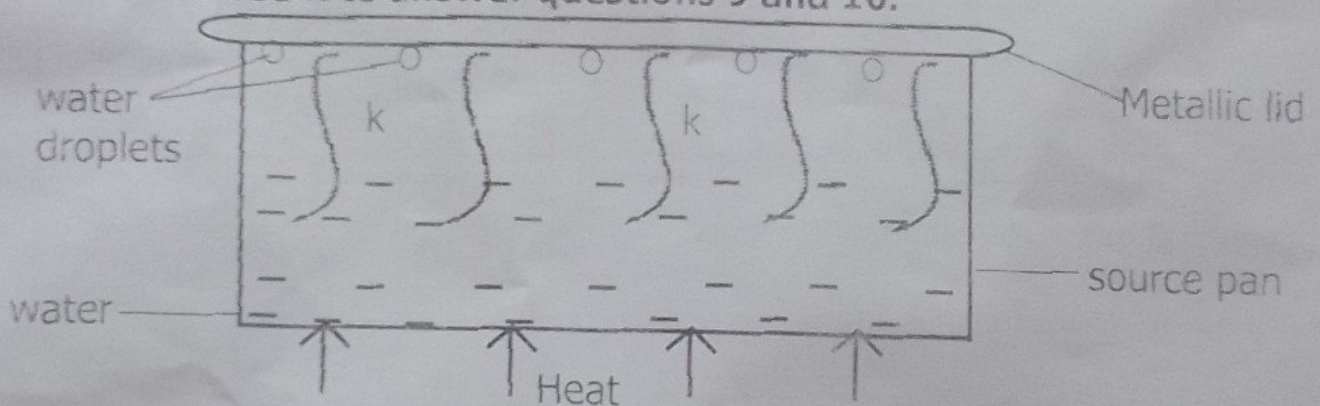
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Turn Over

SECTION A: (40 MARKS)

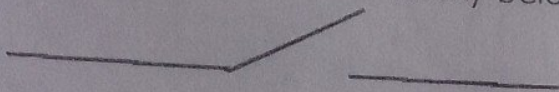
1. Name the hardest part of a tooth.
.....
2. State any one way man can prevent malaria in a home.
.....
3. Of what importance is a web to a spider?
.....
4. In which state of matter does sound travel fastest?
.....
5. Why does a coin sink when placed in water?
.....
6. Give one example of a renewable resource.
.....
7. Mention any one method of obtaining clean water from dirty water.
.....
8. What is a magnet?
.....

The experiment below shows a source pan with water being heated. Use it to answer questions 9 and 10.



9. Identify the process taking place at **K**.
.....
10. By which process are water droplets forming?
.....
11. State any one use of Electricity at home.
.....
12. What type of change is rotting?
.....
13. How is a burn different from a scald?
.....
14. In the space below, draw the male part of a flower.

15. Apart from wearing a face mask, give any practice that can help to control spread of Covid.
16. Identify the symbol used in Electricity below.

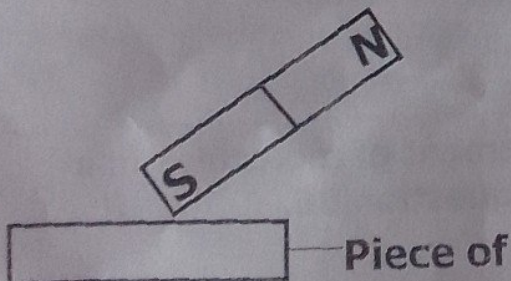


17. Give one traditional method of preserving meat.
18. State any one disorder of the muscular skeletal system.
19. Why is the skin called an excretory organ?

The diagram below is of an Irish potato tuber. Use it to answer the question that follow.

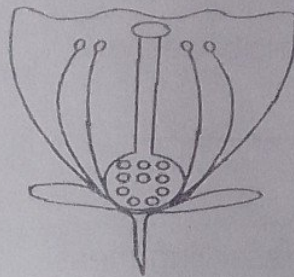


20. What is the use of the part marked **S**?
21. Why is it important to brush teeth after every meal?
22. Which part of the human body is attacked by Trachoma?
23. Mapengo ties his cow on a peg with a rope in one place in the field to graze. When the cow eats up the pasture, it is shifted to another place. What method of grazing does Mapengo practice?
24. In the experiment given below name the method of making magnets as shown.

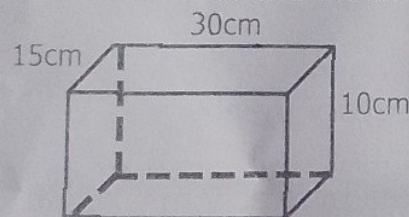


25. Give any one reason why farmers weed their gardens.
26. How does dumping of plastics and polythene wastes affect soil?

27. Use an arrow with letter Z to show the part which receives pollen grains during pollination.

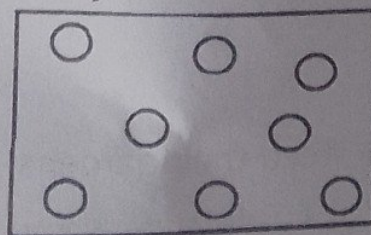


28. State the characteristic of living things which enables them to multiply in number.
29. Why is smoking of marijuana harmful to the body?
30. How can the amount of electricity produced by the bicycle dynamo be increased?
31. Why is a snake said to be a cold blooded vertebrate?
32. Calculate the volume of the block below.



33. A wooden pencil was thrown in a bucket which was half-full of water. The pencil remained floating. Why did the pencil float on water?
34. Name the component of blood which helps to clot in case one gets a cut.
35. Give any one function of the human skeleton.

The diagram below shows an arrangement of molecules in a state of matter. Study it and answer question 36.

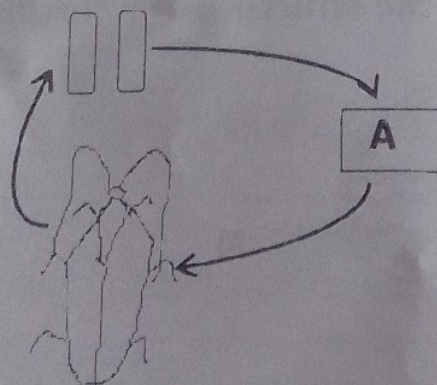


36. In which state of matter are molecules arranged as shown above?

37. How does the government control the spread of foot and mouth disease when it breaks out in an area?
.....
38. State what takes place in the oviduct of a cow?
.....
39. State one advantage of de-beaking in poultry.
.....
40. Give any one example of mineral needed by plants.
.....

SECTION B: (60 MARKS)

- 41 a) Write AIDS in full.
.....
- b) What is meant by being HIV negative?
.....
- c) Give any two ways through which AIDS spread.
(i)
(ii)
- 42 a) What is sanitation?
.....
- b) State two reasons why sanitation should be maintained in an area.
(i)
(ii)
- c) Give any one disease which may break out in a place with poor hygiene.
.....
- 43 a) Name the two solutes for ORS.
(i)
(ii)
- b) How is ORS useful to a dehydrated person?
.....
- c) Apart from ORS, what else should be given to a victim of severe diarrhoea?
.....
- 44 The diagram below shows the life cycle of an insect. Study it carefully and answer the questions that follow.



a) Name the insect shown above.

b) Which stage is marked **A** in the life cycle shown above?

c) What type of life cycle is shown above?

d) State any one danger of cockroaches to man.

45 a) State the meaning of pollination.

b) Give any three ways in which pollination is useful to a farmer.

(i)

(ii)

(ii)

46 a) Name the kind of movable joint found at the elbow.

b) Apart from the elbo, give one other example of the joint in (a) above.

c) Mention two bones which form the joint at the elbow.

(i)

(ii)

47. Match items in group A to those in group B correctly:

A

Charcoal

Coal

Humus

Clay

B

Forssil fuel

Organic matter

Type of soil

Wood fuel

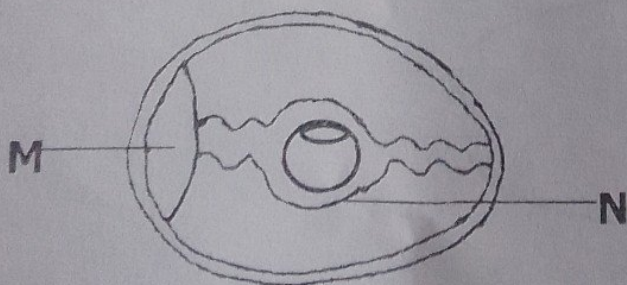
(i) Charcoal

(ii) Coal

(iii) Humus

(iv) Clay

48. The diagram below shows the structure of a fertilised egg.



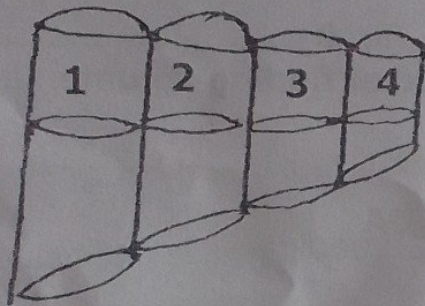
a) Name part **M** and **N**.

(i) **M**

(ii) **N**

- b) Which part of an egg keeps and provides oxygen to the growing embryo?
.....
- c) Why is the egg shell porous?
.....
- 49 a) State the meaning of the term poultry?
.....
- b) Give any two reasons for keeping poultry.
(i)
(ii)
- c) Which method of poultry keeping is likely to be exposed to so many chances of contracting diseases?
.....

50. The diagram below shows a local musical instrument. Study it and use it to answer questions.

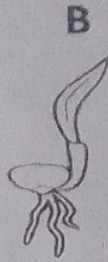
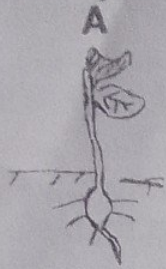


- a) Name the music instrument.
.....
- b) To which group of music instrument does it belong?
.....
- c) How is the sound produced by the musical instrument?
.....
- d) Which pipe produces the highest pitch of sound?
.....
51. As Musa was playing, he fell down and broke his leg.
- a) Name the injury Musa got.
.....
- b) Give two reasons why Musa was given first aid.
(i)
(ii)
- c) What first aid was given to Musa?
.....

52 a) Mention any two types of intestinal worms that attack human beings.

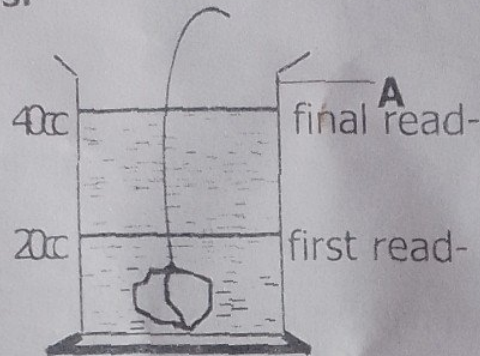
- (i)
(ii)
- b) Give two ways of controlling such worms from attacking our bodies.
(i)
(ii)

53. The diagrams below show types of germination. Study them carefully and answer questions that follow.



- a) Name the types of germination shown above in **A** and **B**.
 (i) **A** (ii) **B**
- b) Give one example of seeds which undergo the type of germination in diagram A and B.
 (i) **A** (ii) **B**

54. The diagram below shows a method of finding volume. Use it to answer questions.



- a) When is the above method used?

- b) Name the container labeled A.

- c) What is the volume of the object?

55. The table below shows diseases with causes. Match the diseases in list A and in list B correctly.

A (diseases)	B (causes)
Marasmus	Lack of iodine
Rickets	Lack of Vitamin C
Goiter	Lack of enough carbohydrates
Scuvy	Lack of Vitamin D
	Lack of proteins.

- (i) Marasmus
 (ii) Rickets
 (iii) Goiter
 (iv) Scuvy

GOOD LUCK