



THE REPUBLIC OF UGANDA

THE REPUBLIC OF UGANDA
**MBALE CITY PRIMARY SCHOOLS' HEADTEACHERS'
ASSOCIATION ACADEMIC BOARD**
PRIMARY LEAVING MOCK EXAMINATION
2022
INTERGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No.	Random No.	Personal No.

Candidate's Name:

Candidates's Signature:.....

School Random No.

District ID:

Read the following instructions carefully;

1. This paper has two sections A and B
2. Answer all questions. All answers to both sections A and B must be written in the spaces provided
3. All answers must be written using a blue or black ball point - pen or ink
4. Unnecessary changes of work may lead to loss of marks
5. Any hand writing that can not easily be read may lead to loss of marks.
6. Do not fill any thing in the boxes shown:
"For Examiners' Use only" and those inside the question papers

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

SECTION A (40 Marks)

(Questions 1 to 40 carry One mark each)

1. Name any one domestic animal that keeps away destructive rats.

.....
.....

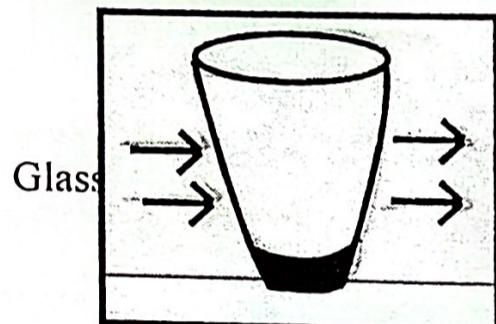
2. What collective name is given to the female part of a flower?

.....
.....

3. Name the type of soil that favours pottery work.

.....

4. Why is the glass drawn below known as a transparent object?



5. Mention any one characteristic common between eagles and hawks.

.....
.....

6. Give one way in which the skin is useful to the body?

.....
.....

7. Name the component of blood that is destroyed by malaria plasmodia.

.....
.....

8. State the best way of controlling rickets among children.

.....
.....

- 9.



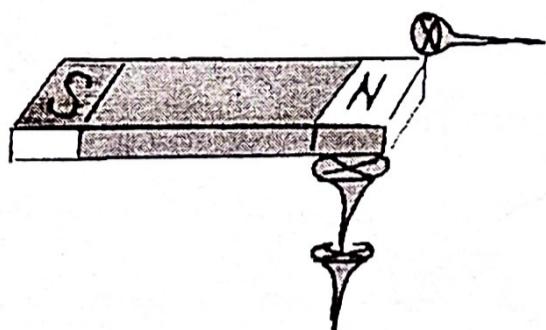
How is the activity represented in the diagram important to the mother?

.....
.....

10. Mention any one way the sun is used as an energy resource.

.....

The diagram below shows a method of magnetization, study it and use it to answer questions 11 and 12.



11. Identify the above method of magnetization

.....
.....

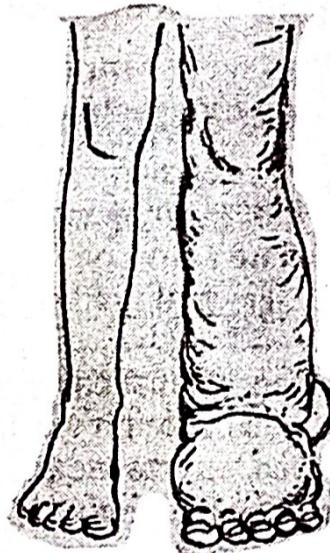
12. State the importance of root nodules to a leguminous plant?

.....
.....

13. Why is the inner part of an electric bulb coated with white powder?

.....
.....

14. Mention the type of mosquito that transmits the disease affecting man's limb below.



.....
.....

15. Mention any one living component of the environment.

.....
.....

16. Where does digestion of food end in the human body?

.....
.....

17. Give any one example of Covid-19 message in your school compound.

.....
.....

18. State any one advantage of using solar electricity.

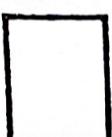
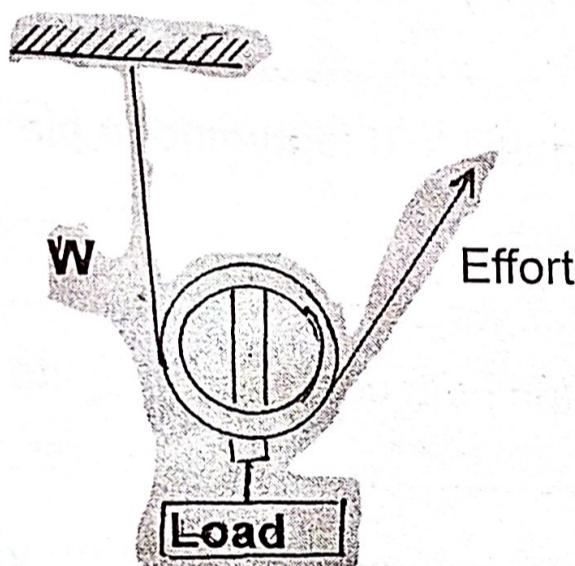
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19. How are polythene bags (buvera) dangerous in a school garden?

.....
.....

The diagram below shows a type of Pulley.

20. Name the type of pulley drawn?.



21. Complete the diagram using an arrow on belt W to show the movement of the load.

.....
.....

22. What type of weather supports farmers to plant their crops?

.....
.....

23. Mention any one possible danger of buying drugs from local shops or markets.

.....
.....

24. In which one way are air sacs adapted to their function of gaseous exchange?

.....
.....

25. How does rinsing of the mouth after a meal promote oral hygiene?

.....

26. Give any one way in which a P.7 pupil can use oral Rehydration solution at home.

.....
.....

27. In which way is cigarette smoking harmful to a pregnant mother?

The diagram below shows an important activity carried out at home



28. Which force enables the above activity to be carried out easily?
.....
.....

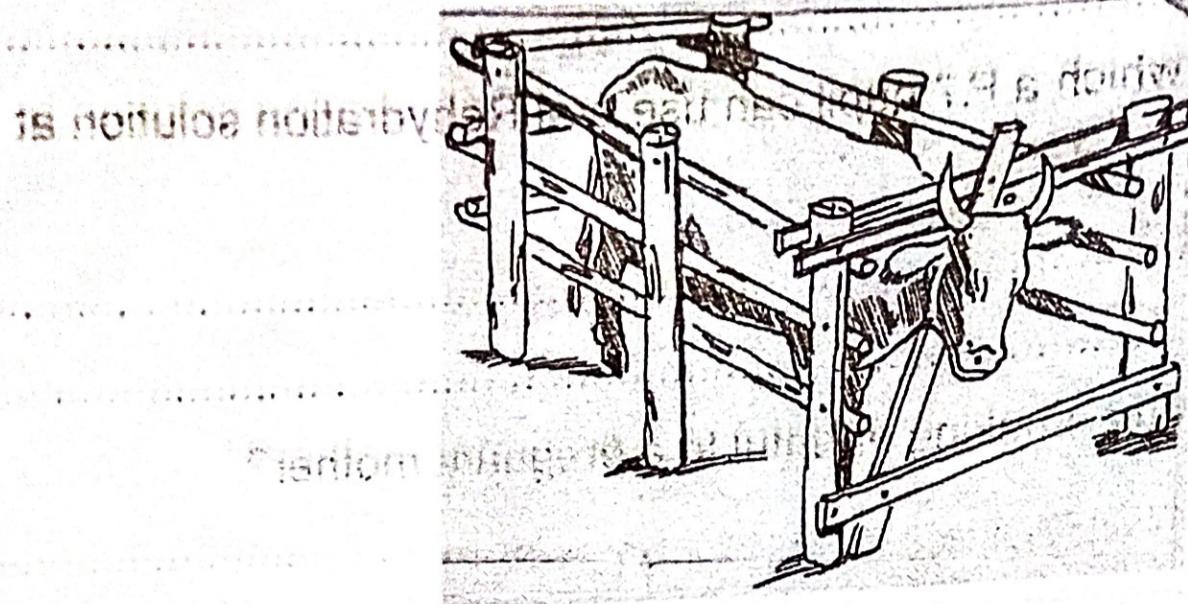
29. Write any one practice which is useful for soil conservation on hilly areas.
.....
.....

30. Apart from the fuse, give the other component that breaks the electric circuit.
.....
.....

31. What name is given to a lighter part of a shadow?
.....
.....

32. Why does a big bell produce sound of lower pitch than a small bell?
.....
.....

33. Name the farm structure drawn below:



34. Mention any one activity that farmer can carry out in the above structure.

.....

35. What system of a plant develops from the plumule?

.....

36. How are bees important to the candle making industry?

.....

37. Write one sanitary disease that can be prevented by proper use of a latrine.

.....

38. State any one reason why electricians should wear gloves.

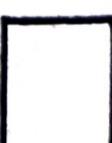
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39. In which way does crop rotation help to control pests?

.....

40. Mention any one feature in a thermos flask that prevents heat loss or gain by conduction.

.....



SECTION B (60 marks)

41.a) Give the importance of excretion to the human body

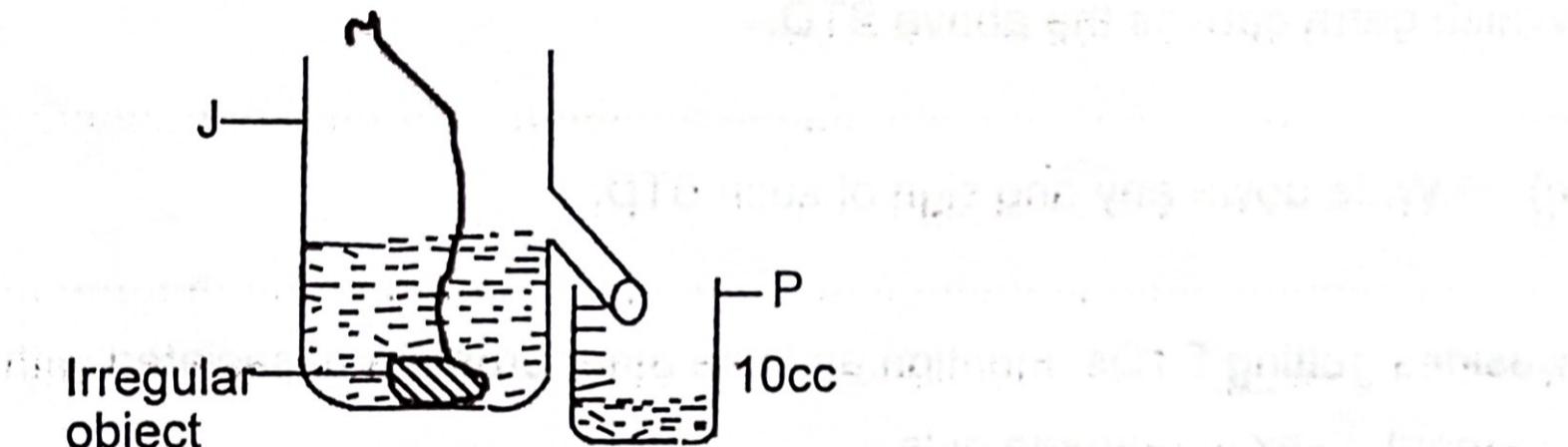
b) State one waste material excreted by the following body organs.

(i) Skin.....

(ii) Lungs.....

c) Write down one way of caring for the excretory system.

42. The diagram below shows a method of finding the volume of an irregular object. Study and use it to answer questions that follow.



a) Identify the above method of finding volume.

b) Name the container marked J.

c) If the object has a mass of 30g, find its identity. (2marks)

43. Match the forms of energy in list A with their sources in B

List A.

Tidal electricity

Solar electricity

Geothermal electricity

Atomic electricity

List B

-Uranium

- Tides

- The sun

- Hot springs

a) Tidal electricity

b) Solar electricity.....

c) Geothermal electricity

- d) Atomic electricity.....
- 44 a). To which type of change does each of the following belong:-
(i) Moulting of insects
(ii) Burning of wood to ash.
- b) State any two characteristics of chemical changes.
(i).....
(ii).....
- 45 a) Write down the sexually transmitted disease (STD) that attacks the eyes of a newly born baby.
.....
- b) Which germ causes the above STD.
.....
- c) Write down any one sign of such STD.
.....
- d) Besides getting STDs, mention any one other problem associated with premarital sex in teenage girls.
.....

46. Study the list of organisms below and use it to answer questions about it:

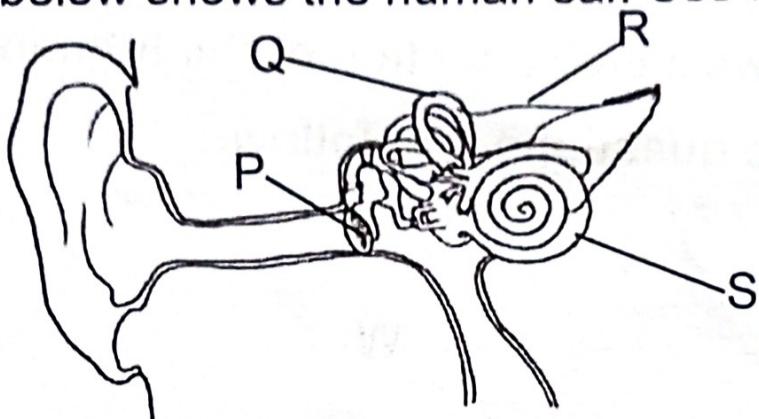
W	X	Y	Z
Toad stool	Moss	Fern	Yeast

- a) How is organism labeled X similar to organism labeled Y in terms of feeding?
.....
- b) Why is organism labeled with letter W different from the rest of organisms?
.....
- c) Give any two organisms that can be grouped together with organism marked W.

(i).....
.....

(ii).....
.....

47 The diagram below shows the human ear. Use it to answer the question 47



a) Name parts marked S and Q

- (i) S.....
(ii) P.....

b) State the importance of the following parts in the animal ear.

- (i) R.....
(ii) Q.....

48 (a) Give one example of long bones in the human skeleton

.....

b) Apart from calcium, state one other mineral salt that strengthens bones.

.....

c) Give any one way of maintaining the proper functioning of the muscular system.

.....

49 a) Which type of leaf venation do monocotyledonous plants have?

.....

.....

b) Give any two examples of monocotyledonous plants.

(i).....

(ii).....

c) State the food value obtained from eating seeds of monocotyledonous plants.

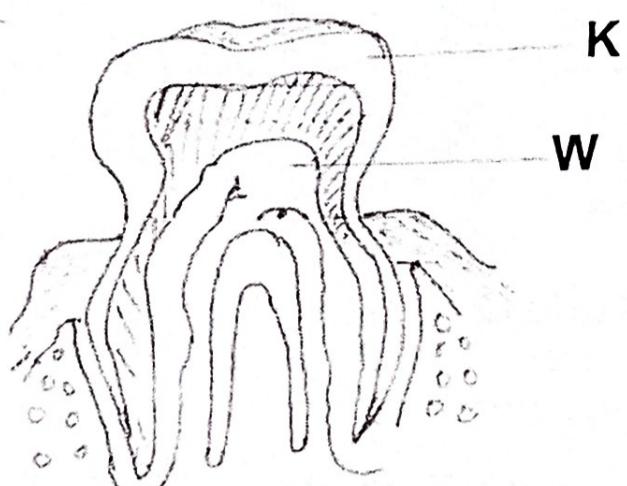
(i).....

.....

(ii).....

.....

50. The diagram below shows a cross section of the human tooth. Study it carefully and answer the questions that follow.



a.) Name the parts of the tooth marked K and W.

K

W

b) What role is played by the above tooth in the mouth.

.....

c) Which type of teeth are well developed in carnivorous animal?

.....

51. a) A part from distillation, state one other method used in alcohol preparation.

.....

b) Name the fungus used in the above mentioned method of alcohol preparation.

.....

c) Give one way alcohol preparation benefits community members.

.....

d) How does excess consumption of alcohol affect human health?

.....

52. a) Which type of cattle is reared for the following purpose?

(i) Milk production.....

(ii) provision of labour.....

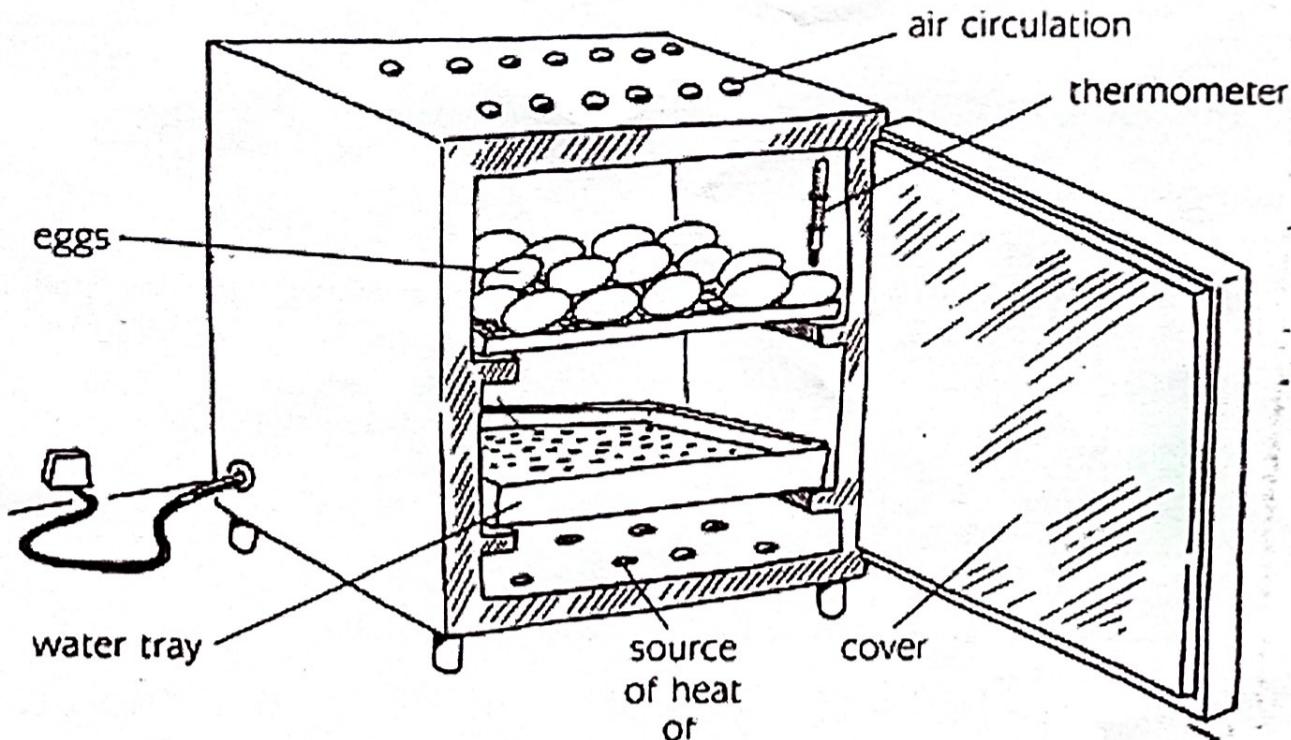
b) State any two reasons why farmers prefer rearing exotic breeds to local breeds of cattle.

(i).....

(ii).....



- 53 The figure below shows an incubator. Use it to answer questions that follow



- a) Identify the type of incubator drawn.

.....

b) Mention any one advantage of using the above type of incubator.

.....

c) Give one disadvantage of free range system of keeping birds

.....

d) Apart from getting eggs, suggest one other reason why people keep poultry birds.

.....

54 a) State one example of each of the following types of leaves.

(i) Simple leaves

.....

(ii) Compound leaves

.....

.....

b) Give two functions of leaves to plants.

i)

ii)

55 a) To which group of invertebrates do insects belong?

.....
.....

c) State the function of the following body parts to an insect.

(i) Wings

.....
.....

(ii) Proboscis

.....
.....

d) Which stage in the life cycle of a butterfly is not friendly to crop farmers?

.....
.....



** END**