

MORTAR EXCEL EXAMINATIONS COMMITTEE
END OF TERM III 2023
P.5 INTEGRATED SCIENCE
Time allowed: 2 hours 15 minutes

Pupil's Name

Pupil's Signature

School Name

Read the following instructions carefully:

1. This paper is made up of 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 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 indicated

FOR EXAMINERS' USE ONLY

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Qn No.	Marks	Examiner's No.
1-10		
11-20		
21-30		
31-40		
41-44		
45-48		
49-52		
53-55		
TOTAL		

"It is for Examiners' use Only".

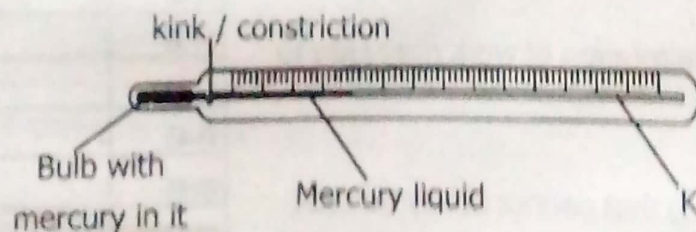
Organised by:
Mortar Excel Examinations Committee Entebbe.



Mortar Excel Examinations Committee Entebbe.
Tel: 0757-713720/ 0783-185533/ 0782-967838/ 0782-357828

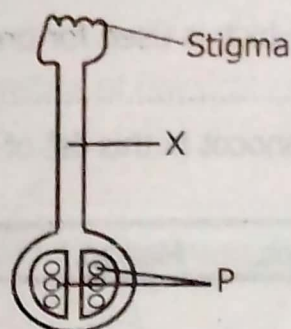
SECTION A (40Mks)

1. Which type of soil is the best for crop growing?
.....
2. Identify any one example of crops grown in swampy areas.
.....
3. Why should every home have a latrine or toilet?
.....
4. State any one disorder of the human digestive system.
.....
5. Of what importance is a thermos flask at home?
.....
6. What is a first aid kit?
.....
7. Apart from bees, mention any other example of a pollinator in our environment.
.....
8. Determine the similarity between gases and liquids as states of matter.
.....
.....
9. Where is the thermometer below used and applied in our daily life?



10. Name part labelled K on the thermometer.
.....
11. Cite out any one role of individuals in promoting PHC today.
.....
12. Identify any one example of a bacterial disease in pigs.
.....
13. How is litter important on a poultry farm?
.....

14. Which machine is used to carry out artificial brooding?
.....
15. Mention any one example of scale in which temperature of an object is measured.
.....
16. Define the term "energy".
.....
17. State any one disadvantage of soil pollution to farmers in the community.
.....
18. Besides egg eating, identify any other example of a common poultry vice you know.
.....
19. Derrick dodges meals at school everyday, which problem is Derrick likely to face in future?
.....
20. **Study the diagram below carefully and label the ovary.**



21. Which part of a flower is shown above?
.....
22. State the function of parts marked P of a flower?
.....
23. Explain the reason why a piece of dry wood floats on water.
.....
24. Noela added two spoons of sugar to water and stirred thoroughly, what substance was formed after?
.....

25. Identify the part of our teeth which is affected by gingivitis.

26. Why is a tick referred to as a parasite?

27. Write DPT in full.

28. Mention one example of a traditional bee hive.

29. Which type of metamorphosis does a grasshopper undergo?

30. Name the basic units for measuring mass of an object.

31. Write down any one class of food you know.

32. What is a pest?

33. Name the part of a fish which is used for breathing.

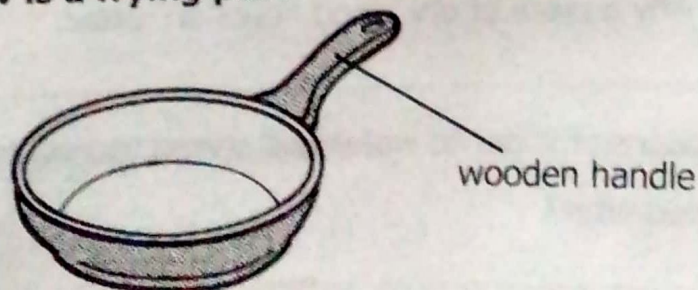
34. Put a ring around the monocot in this list of crops.

Peas, beans, Mango, maize

35. Where does digestion of starch begin in a human being?

36. Identify any one type of manure used in the environment.

37. **Below is a frying pan.**



Why is its handle made out of wood not metal?

38. State any one difference between a hen and a cock.

39. Why is deworming done in goats?

40. How does heat from the sun reach the earth's surface?

SECTION B (60Mks)

41a) What are tuber crops?

b) List at least two examples of root tubers.

i) ii)

c) Why is a cassava plant called a root crop?

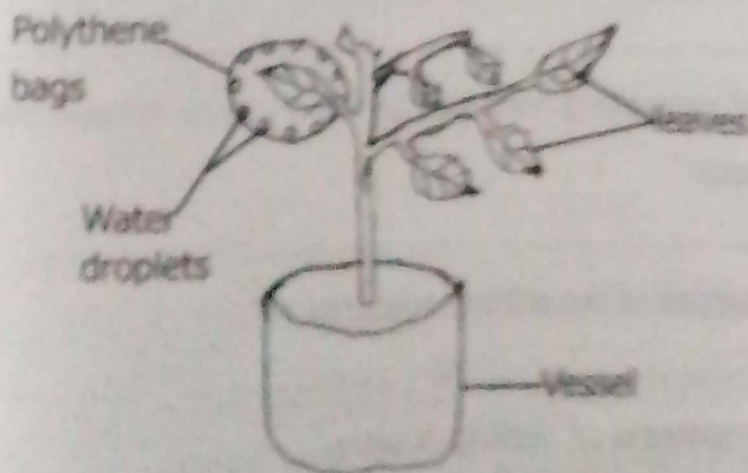
42a) Give any two examples of biological changes you know.

i) ii)

b) Identify any two characteristics of physical changes.

i) ii)

43. Study the diagram below and answer the questions that follow.



a) Which plant process is shown in the above diagram?

b) Besides this process, identify any two processes carried out by a leaf.

i) ii)

c) Cite out any one importance of the process in (a) to a plant.

44a) Identify the weather instrument used to measure the amount of rainfall received in an area.

b) Which condition of weather is measured by a hygrometer?

c) What is a weather station?

d) How important is weather prediction to farmers?

45a) Define the term "a balanced diet".

b) List at least any two examples of food values required in a balanced diet.

i) ii)

c) How can one prevent his child from getting Kwashiorkor?

46a) Identify at least any example of mixture you know.

b) Which method of separating mixtures can one use to remove floating particles from water?

c) State two applications of separating mixtures.

i) ii)

47a) Mention any two systems of rearing poultry.

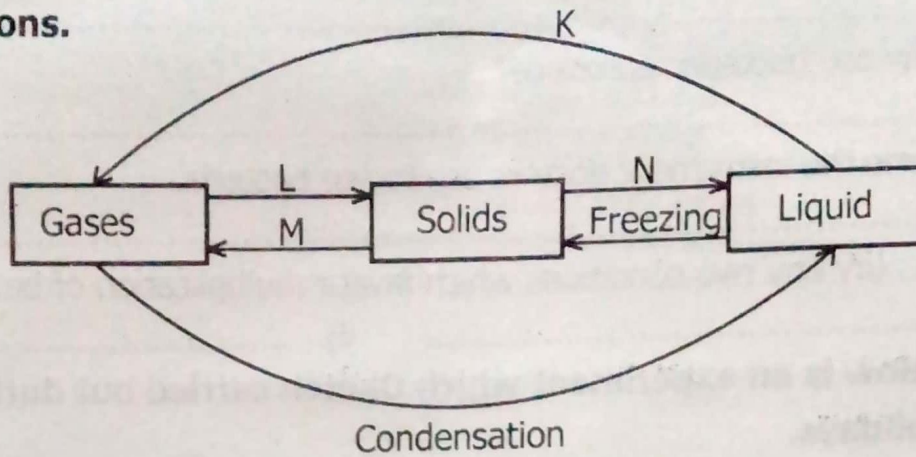
i) ii)

b) Identify any two disadvantages of free range system of rearing poultry.

i)

ii)

48. Study the illustration below with care and attempt its questions.



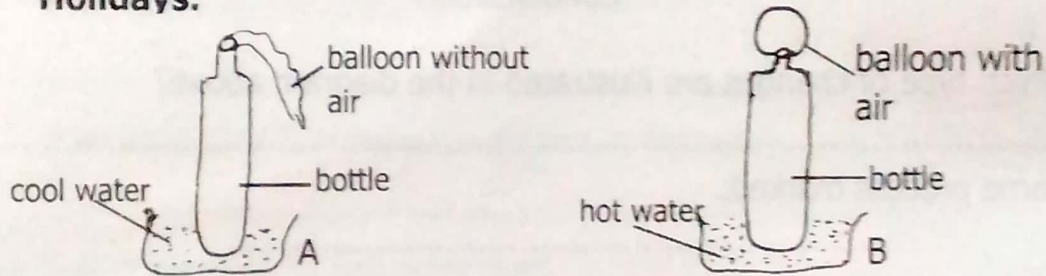
- a) Which type of changes are illustrated in the diagram above?
.....
- b) Name process marked;
K
N
- c) Why is a gas referred to as "matter"?
.....
- 49a) Of what importance is ventilation in a living house?
.....
- b) Write VIP in full.
.....
- c) Besides toilets and ventilators, cite out other components of a good home.
i) ii)
- 50a) By what process does heat travel through the substance below;
i) water
ii) metal bar
iii) vacuum
- b) Apart from heat, identify any other form of energy.
.....
- 51a) Which type of mosquito spreads yellow fever?
.....
- b) Besides the type of mosquito above, identify one other type of mosquito you know.
.....
- c) How can one prevent the spread of malaria in the environment?
.....

- i)
 ii)
 52a) How can bacteria reproduce?

 b) Name the instrument doctors use to see bacteria.

 c) Identify any two conditions which favour multiplication of bacteria.
 i) ii)

53. Below is an experiment which Oketch carried out during his Holidays.



- a) Explain what happened in B.

 b) What happens to the balloon when bottle in B is removed from the hot water?

 c) Give any two effects of heat on liquids.
 i) ii)

54a) What is shearing as used in sheep rearing?

-
 b) Which type of sheep is reared for wool production?

 c) Mention at least two importance of sheep in the community.
 i) ii)

55. Fill in the table correctly.

Disease	Age	Vaccine	Site
Tuberculosis	BCG vaccine
Polio	At birth	mouth
Measles	Measles vaccine	Left upper arm

———— Good Luck ————