

M.I EDUCATIONAL CONSULTANCY
MID – TERM TWO ASSESSMENT – 2023
PRIMARY SIX
SCIENCE

Time Allowed: 2 Hours: 15 Minutes

Pupil's Name: _____

Pupil's Signature: _____ **Stream:** _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY;

1. This paper has two sections A and B.
2. All the working for both A and B must be shown in the spaces provided.
3. All the working must be done using a blue or black ball-point pen or fountain pen.
Diagrams must be drawn in pencils
4. Calculators are not allowed in the examination room.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated:
"For Examiner's use only"

FOR EXAMINER'S ONLY

PAGES	MARKS	INITIALS
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TOTAL		

Please Turn Over

SECTION A

1. Name the organ that pumps blood to all parts of the body.

2. Mention any one living thing that lives in soil.

3. What do tadpoles use for breathing?

4. State the basic unit for measuring mass.

5. Which type of clouds is the nearest to the earth's surface?

6. Why are people advised to clean their hands with water and soap after using a latrine?

7. What name is given to invertebrates with segmented bodies and joint legs?

8. In the space provided below. Draw a tap root system.



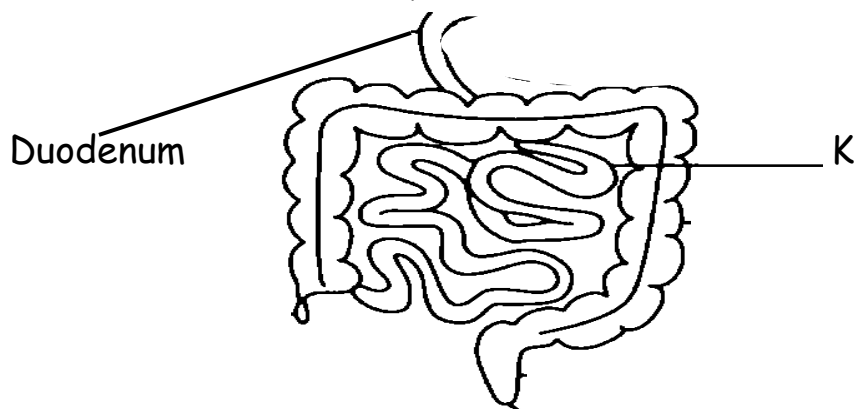
9. Name the type of teeth responsible for tearing food.

10. How is breastfeeding important to a baby?

11. State any one way of controlling soil erosion in a school compound.

The diagram below shows part of a digestive system. Use it to answer questions 12 and 13.

52. Below is a digestive system use it to answer questions that follow.



12. Name the part marked K.

13. How is part K adapted to its function of food absorption?

14. Mention the component of blood responsible for transportation of oxygen around the body.

15. In which one way are cats useful in a home?

16. State any one danger of too much rainfall to people.

17. Ali shouted and heard his voice repeatedly. What term is given to the repeated sound he heard?

18. Name any one organ greatly affected by drinking too much alcohol.

19. How does painting prevent rusting of metallic objects?

20. State any one structural difference between veins and arteries.

21. Name any one example of a non-flowering plant that reproduces by means of spores.

22. Convert 40° to $^{\circ}\text{F}$.

23. Write the intestinal worm that enters the body through eating under cooked food.

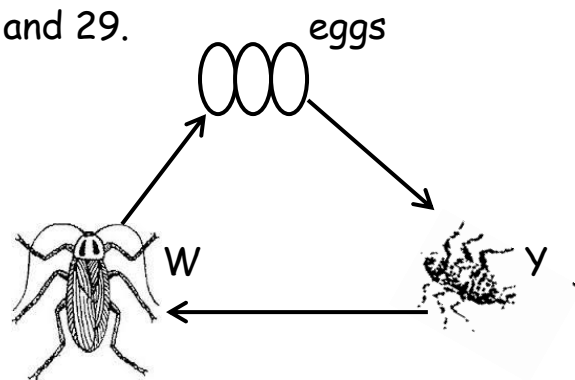
24. Why is cassava regarded as root tuber?

25. How can an individual maintain the proper functioning of the circulatory system?

26. State any one way of promoting personal hygiene.

27. When are people advised to brush teeth?

The diagram below shows a lifecycle of an insect. Use it to answer questions 28 and 29.

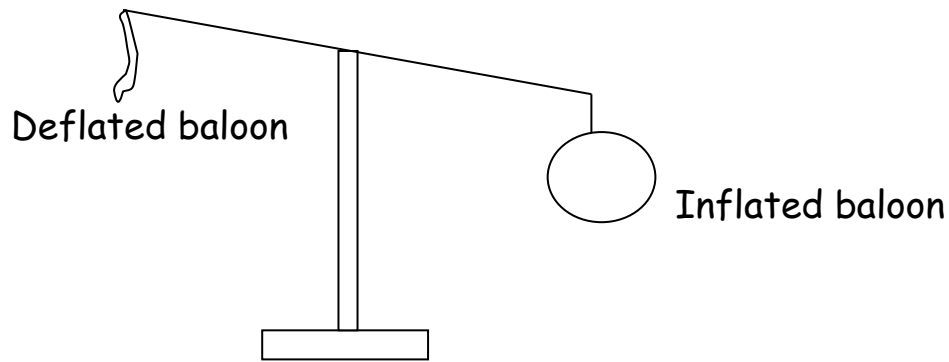


28. Name the stage of development marked Y.

29. Which vector undergoes the lifecycle as shown in the diagram?

30. Give any one effect of accidents to people.

31. What property of air is illustrated in the diagram below?



32. Write any one product got from bee farming.

33. Mention any one PIASCY message.

34. What is the main purpose of keeping merino sheep?

35. State any one condition that makes a woman vulnerable.

36. Why are fire extinguishers painted with bright colours?

37. Which component of soil is formed by decomposition of organic matter?

The diagram below shows a foot of a bird. Use it to answer questions 38 and 39.



38. Identify the group of birds with the foot shown above.

39. Give any one example of a bird that belongs to the group you have named in '38' above.

40. State any one reason people give to defend their habit of smoking.

SECTION B

41a) Mention the two methods of heat transfer in matter.

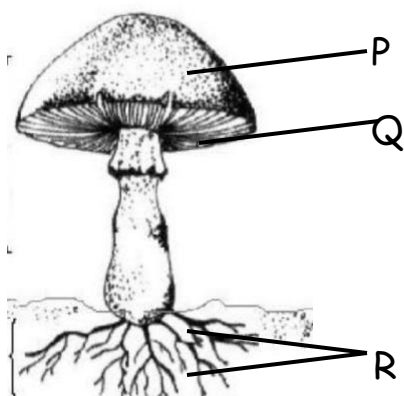
i) _____

ii) _____

b) State the difference between heat and temperature.

c) Write down any one effect of heat on matter.

42. The diagram below shows a fungus organism. Use it to answer the questions that follow.



a) Name the parts marked P and Q.

i) P _____

ii) Q _____

b) How does the above living organism obtain its food?

c) Which fungus organism helps in fermentation of alcohol?

43. Complete the immunization table below.

Diseases	Vaccine	Mode of administration
Polio	Polio vaccine	i) _____
ii) _____	DPT Vaccine	Injection
Tuberculosis	iii) _____	Injection
Measles	Measles vaccine	iv) _____

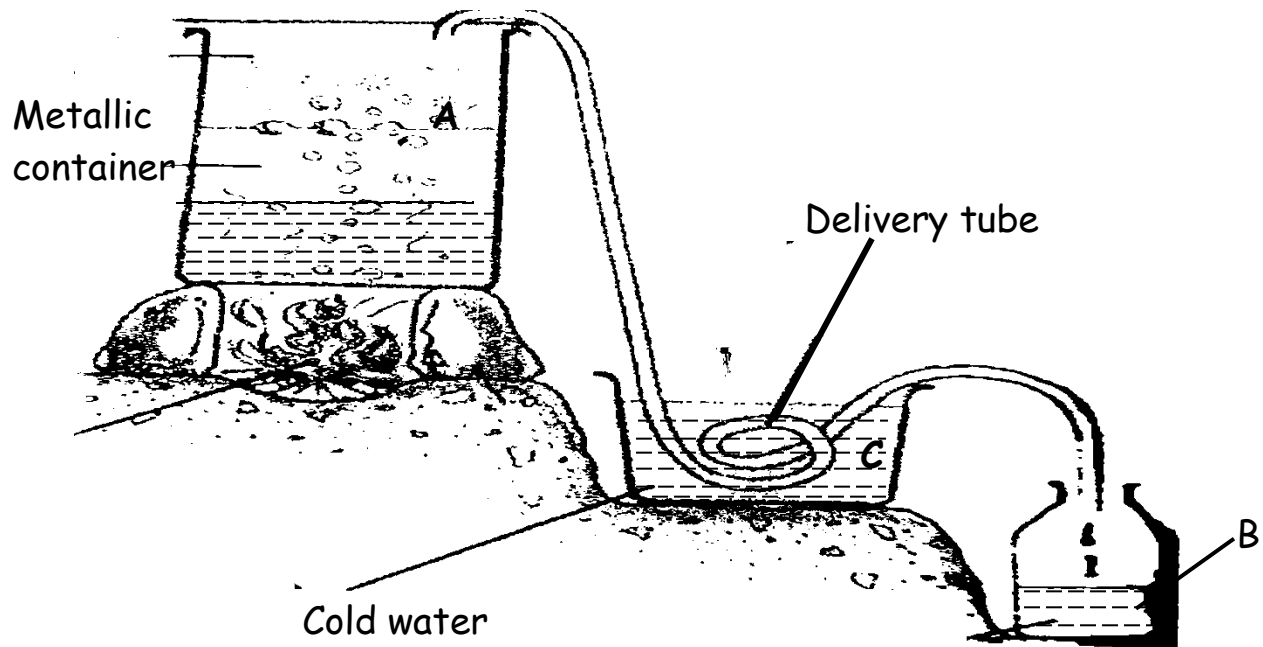
44. Name the system of rearing poultry commonly practiced in rural areas.

b) State any one importance of the system named in 44a) above.

c) Identify one vice common in layer chicken.

d) How can the vice above be controlled on a poultry farm?

45. The diagram below shows a distillation set up. Use it to answer questions that follow.



a) Name the physical processes at A and C

i) A _____

ii) C _____

b) Mention any two activities done to promote the practice named in 46(a) above.

i) _____

ii) _____

c) State any one disease that results from improper observation of the above practice.

47a) Name any two types of cattle kept in Uganda.

- i) _____
- ii) _____

b) How is a type of cattle different from a breed of cattle?

c) In which way can the local breeds of cattle be improved on a farm?

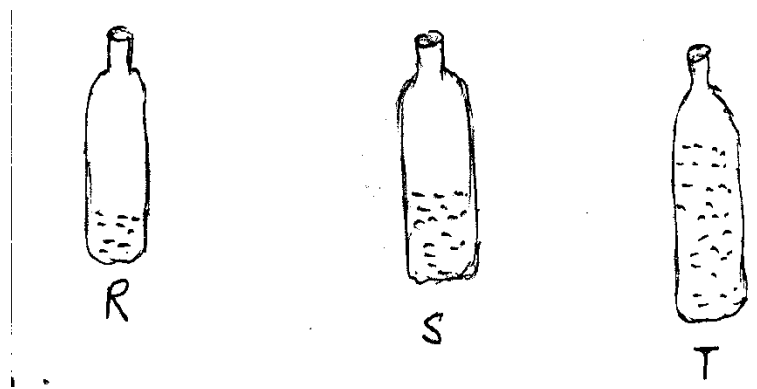
48a) What is food preservation?

b) List down any two ways of preserving meat apart from salting.

- i) _____
- ii) _____

c) Write down the food value got from eating meat.

49. The experiment below shows three bottles with water at different levels. Use it to answer the questions that follow.



a) Which bottle produces;

i) Highest pitch _____

ii) Lowest pitch _____

b) How can the bottle above be made to produce the same pitch of sound?

c) State the difference between pitch and volume as used in sound.

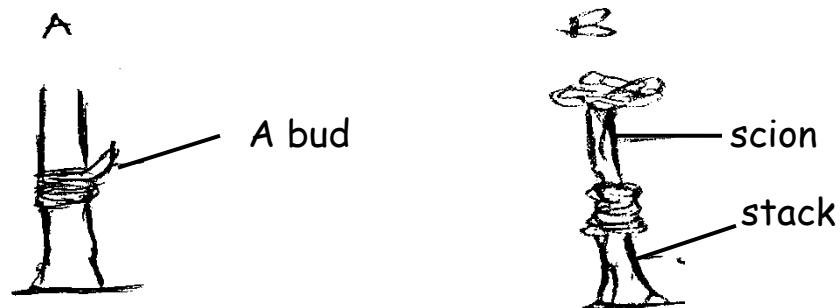
50a) Name the element of Primary Health Care responsible for;

i) Preventing childhood killer diseases.

ii) Producing the number of children parents can easily take good care.

c) Write down any one activity school pupils can do to promote Primary Health Care.

51. The diagram below show the artificial forms of vegetative propagation. Use them to answer the questions that follow.



a) Name the modes of vegetative propagation A and B

i) A _____

ii) B _____

b) State any one advantage of using artificial vegetative propagation.

c) Apart from the use of suckers, how else can pineapples be propagated.

52a) Name any two exotic breeds of rabbits kept in Uganda.

i) _____

ii) _____

b) What name is given to a young one of a rabbit?

c) Apart from coccidiosis, write one other disease that affects both rabbits and poultry.

53a) Write down any two examples of physical changes in the environment.

i) _____

ii) _____

b) State any one characteristic of physical changes.

c) How is burning similar to rusting?

54a) Match the animals in X to their breathing organs in Y.

X	Y
Dog	Gills
Cockroach	Lung books
Tilapia	Lungs
Scorpion	spiracles

i) Dog _____

ii) Cockroach _____

iii) Tilapia _____

iv) Scorpion _____

55a) State any two reasons why first aid is given to casualties.

i) _____

ii) _____

b) Who is a casualty?

c) Write down any one quality of a good first aider.

END