



SUMMIT EDUCATION SERVICES™

MID-TERM TWO EXAMINATIONS 2025

PRIMARY SIX INTEGRATED SCIENCE

Time allowed: 2 hours AND 15 minutes ONLY.

SCHOOL EMIS No.

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Name:

Signature:

School:

District:

Read the following instructions carefully:

1. This paper consists of **two** sections: **A** and **B**. **SECTION A** has **40** questions and **SECTION B** has **15** questions.
2. Answer **all** questions. **All** answers to both sections **A** and **B** must be shown in the spaces provided.
3. **All** answers **must** be written using a **blue** ball point **pen** or **ink**. Any work written in pencil other than graphs and diagrams will **not** be marked.
4. **No calculators** are allowed in the examination room.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to loss of marks.
6. Do not fill in the tables indicated: **FOR "EXAMINERS' USE ONLY"** and boxes inside the question paper.

EXAMINERS' USE ONLY

Nos.	MARKS	INITIALS
1 - 10		
11 -20		
21-30		
31-40		
41-43		
44-46		
47-49		
50-52		
53-55		
Total		

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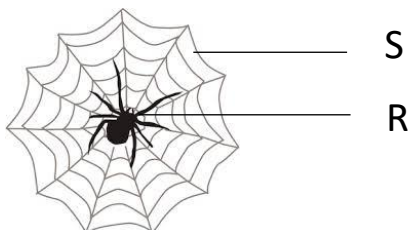
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Turn Over

SECTION A (40 MKS)

1. Give **one** example of a **living thing**.
.....
2. How can **sound** travel from one place to another.
.....
.....

Use the diagram below to answer questions that follow.



3. State any **one** importance of structure marked **S** to organism **R**
.....
4. In which **one** way is organism **R** different from an insect.
.....
5. Musoke's **chicken lay eggs** with **soft shells**, what should he do to address the problem.
.....
.....
6. State **one** way in which we can care for domestic animals.
.....
7. Give **one** way in which a child health card is important to a health worker.
.....
.....
8. Mention the importance of **hydrochloric acid** found in the human digestive system.
.....
.....
9. Identify any **one** activity carried out in a health parade.
.....
10. Give a **reason** why a desert is not a good site to set up a bee hive.
.....
.....
11. What is the **function** of gills to a fish?
.....



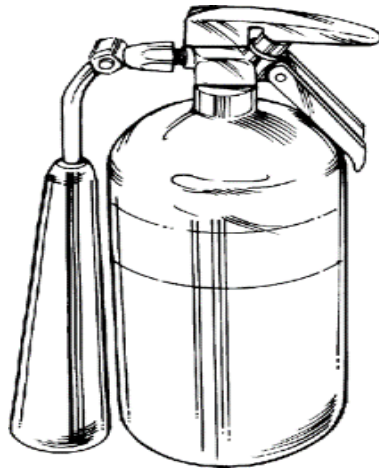
12. In the space provided below **draw** the structure of a premolar tooth.



13. Apart from **hearing**, state any other function of a human ear.

 14. State **one** way in which lizards help to control the spread of malaria in our homes.

The diagram below is of a n equipment used by fire fighters. Use it to answer questions that follow.



15. Why is the above **equipment** painted with bright colours?

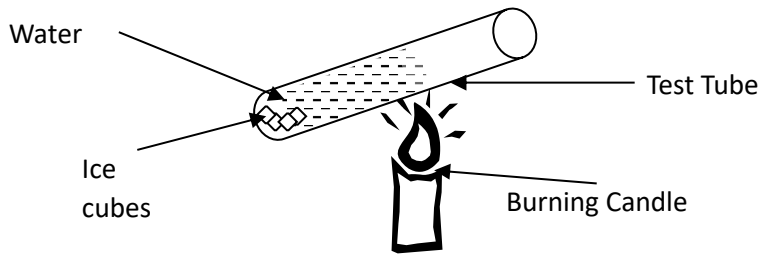
 16. Give a reason why **oxygen** is not used in the above equipment.

 17. How does a **chameleon** benefit from its sticky tongue?

 18. State any **one** way soil fertility can be improved.

 19. Why are gaps left between rails of **railway lines** during construction?

20. What does the **experiment** below show about water?



21. Apart from **transpiration**, give one other plant process affected by shedding of leaves.

22. Mention one advantage of **docking** in sheep management.

23. Write down the element of **PHC** promoted when family members feed on a balanced diet.

24. Give a reason why **toilet cleaners** should wear gloves.

25. How is a **fresh water snail** dangerous to people?

26. In the space provided below, draw a diagram to illustrate an experiment that proves that air exerts pressure.

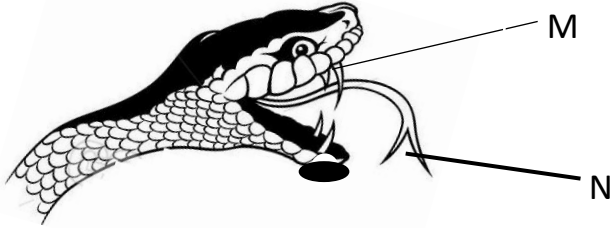


27. How does **pouring oil** on stagnant water help to kill mosquito larvae?

28. Name the blood vessel that transports **deoxygenated blood** from the heart to the lungs.

.....

The diagram below is of a head of a poisonous snake, use it to answer questions that follow.



29. Name the part labeled **N** in the above diagram.

.....

30. Why are the fangs marked **M** of a snake hollow?

.....

.....

31. Give **one** example of an object that can sink in water.

.....

32. State any **one** condition that can lead to bottle feeding of babies.

.....

33. Mention any **one** substance collected by bees from flowering plants.

.....

34. How are **halteres** important to insects during flight?

.....

.....

35. Identify any **one disease** that attacks both rabbits and human beings.

.....

36. Give a reason why farmers transplant their **seedlings** in the evening.

.....

.....

37. Write down any **one advantage** of a school garden to a school.

.....

.....

38. By what **process** does heat from the sun reach the earth's surface?

.....

39. Give **a reason** why a cockroach dies shortly after moving on maize flour.

.....

40. How is a **swim bladder** useful to a fish when swimming in a lake?

.....

SECTION B (60 mks)

41. Use lists of organisms below to answer questions that follow

List A

Toad

Frog

Newt

Salamander

List B

Monkey

Spiny anteater

Bat

Man

a). To which group of vertebrates do animals in **list A** belong?

.....

b). Give the similarity in terms of reproduction between animals in **group A** and a spiny ant eater in **list B**.

.....

c). Give any one difference between animals in **list A** and those in **list B**

.....

d). Mention the characteristic common in all animals in list **A** and **B**

.....

42a). Mention any one vaccine given to children at **birth**.

.....

b). Give a reason why **DPT,Hib &Hep B** vaccine is called a Pentavalent vaccine.

.....

c). Why is **measles vaccine** given to children at the age of **9 months**?

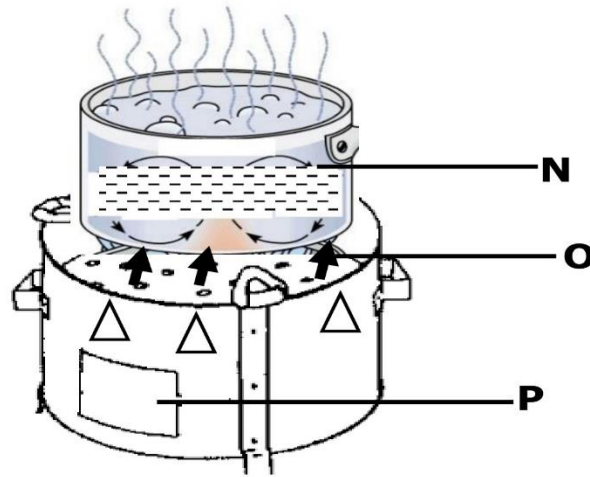
.....

d). Mention the **type of immunity** a baby can get after immunization.

.....



43. Study the illustration below carefully and use it to answer questions that follow.



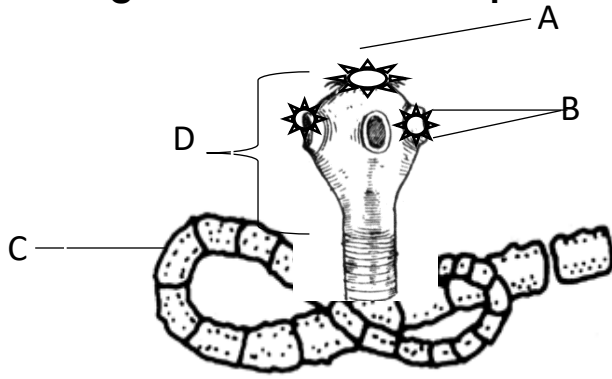
- a). What **process** is shown by arrows marked **N**?
.....
- b). How important is part marked **P** in the illustration above?
.....
.....
- c). By what process does **heat** pass through the saucepan?
.....
- d). How is the use of the above stove dangerous to the environment?
.....
.....

44. Below are sentences describing the steps followed when making oral rehydration solution at home. Re arrange them in their correct order.
- (a). Taste the solution and give to the patient.
- (b). Wash hands with clean water and soap.
- (c). Stir the mixture to form a solution.
- (d). Measure one litre of clean boiled water, one leveled tea spoonful of salt and eight leveled tea spoonfuls of sugar into a clean container.

Correct Order

- a)
.....
- b)
.....
- c)
.....
- d)
.....

45. The diagram below is of a tapeworm. Use it to answer questions that follow.



a). Name the part labeled **A** and **D**

A.....

D.....

b). How does the above worm enter the human body?

.....

c). Give the **function** of part labeled B to the above worm.

.....

.....

46a). Name the **second stage** in the life cycle of a grass hopper.

.....

b). How is the **life cycle** of a housefly different from that of a grass hopper?

.....

.....

c). Give the stage in the lifecycle of a housefly that does not feed.

.....

d). How is the **larva stage** of a butterfly dangerous to a farmer?

.....

.....

47a). Name the **liquid metal** used in a clinical thermometer.

.....

b). Give any **two** reasons why the above mentioned liquid is used in a clinical thermometer.

(i).....

.....

(ii).....

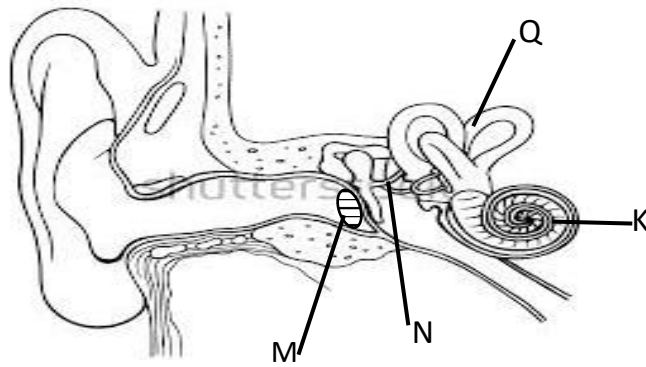
.....

c). State **one** reason why water is not used in a clinical thermometer.

.....

.....

48. The diagram below is of a human ear. Use it to answer questions that follow.



- a). What **general name** is given to the three small bones marked N.

 b). State the **function** of parts marked with letters:-
Q

K

 c). Why **are P.6 pupils** not advised to clean their ears using sharp objects ?

- 49a). Who are **vulnerable** people?

 b). Give any **two** examples of vulnerable people to the community.
 (i)
 (ii)
 c). Why should **breast feeding** mothers be given plenty of fluids?

- 50a). What name is given to the **special place** where seedlings are first raised before transplanting them to the main garden ?

 b). Mention any **two** ways a farmer can care for seedlings in the above mentioned structure.
 (i)
 (ii)
 c). State any **one** advantage of the structure mentioned in a) above to a farmer.



51a). Why should a living house have the following structures.

(i). **Ventilators**

.....

(ii). **Windows**

.....

b). Give a reason why ventilators are fixed above the window level?

.....

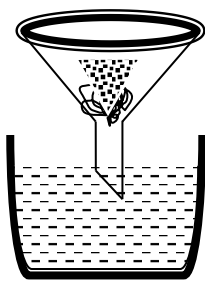
c). Kato's family sleeps in the same house with his pigs, goats and chicken. How can this be dangerous to Kato's family?

.....

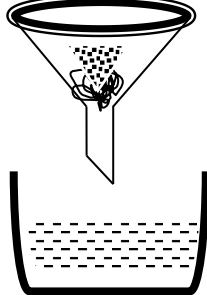
.....

52. **Below is an illustration of an experiment carried out by a P.6 child. Use it to answer questions that follow.**

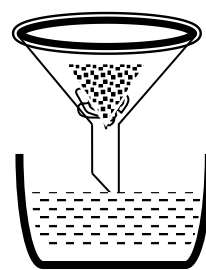
Soil sample D



Soil sample E



Soil sample F



a). Name the **soil sample** marked **E**.

.....

b). Why did most of the water pass through soil sample **D**.

.....

.....

c). Which of the above soil samples is best for crop growing.

.....

d). What does the experiment above show?

.....

.....

53a). State any **one** example of a modern bee hive.

.....

b). Apart from honey, give any other product obtained from bees.

.....

c). Give **two** ways a farmer can care for the bees.

(i).....

(ii).....

54. Nassanga took her sick baby to a health centre for treatment and the health worker advised her to feed the baby on eggs, meat and beans in order to solve the baby's health problem?

a). State the health problem the baby had.

.....

b). Give **two** signs of the health problem above.

(i).....

.....

(ii).....

.....

c). How does feeding the baby on eggs, meat and beans help to solve the baby's health problems?

.....

.....

55a). Give any **one** example of each of the following types of changes.

(i). Chemical change

.....

(ii). Biological Change.

.....

b). State any **one** characteristic of physical change.

.....

.....

c). Name any **one** physical change which occurs in the absence of heat.

.....

Good luck

