



THE MAHG KAMPALA EXAMINATIONS BOARD
END OF YEAR EXAMINATIONS 2024
PRIMARY SIX
SCIENCE

Duration: 2hrs 15mins

NAME: _____

SCHOOL: _____

DISTRICT: _____

Read these instructions carefully

1. This paper has two sections: **A** and **B**.
2. Section **A** has **40** questions (**40 marks**)
3. Section **B** has **15** questions 60mark
4. Answer **all** questions. All answers to both sections **A** and **B** must be written in spaces provided.
5. All answers must be clearly written using **blue** or **black** ball point pen or ink.
6. Unnecessary changes of work may lead to loss of marks.
7. Any handwriting that cannot be easily read, may lead to loss of marks.

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		

THE MAHG KAMPALA EXAMINATIONS BOARD
FOR ACADEMIC EXCELLENCE , ALWAYS USE THE MAHG SCHEME FRAMEWORKS,
HOLIDAY PACKAGES, LESSON NOTES, AND TEXT BOOKS.

FOR MORE CONSULTANCE, CALL: 0742697640/0775543444/0741976261

SECTION A

1. Name **one** example of an amphibian.

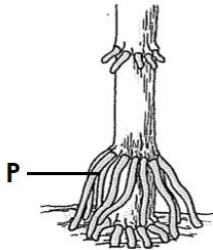
2. State any **one** way of keeping the reproductive organs health.

3. Why are poultry farmers advised to feed their birds on calcium?

4. How does sound travel from a bird singing to a person near it?

5. Mention the use of a sponge to a P.6 child when bathing.

The diagram below shows part of a flowering plant. Study it and answer question 6.



6. State the function of structures marked P to such a plant.

7. Give a reason why bees visit flowers.

8. In which units is mass measured?

9. State the function of red blood cells in the human body.

10. Give **one** way a mother can prevent kwashiorkor among her children.

11. Mention **one** reason people give for drinking alcohol.

12. State **one** way how vaccines boost the immunity of a person.

13. In which **one** way can floods be dangerous to crop farmers.

14. Give any **one** importance of wringing clothes.

15. What is the end product of respiration in humans?

The diagram below shows a reptile. Study and use it to answer question 16.



16. How is the reptile in the above diagram adapted to its mode of feeding?

17. Suggest the way regular sweeping of rubbish in the classroom prevents the easy spread of sanitary diseases.

18. Mention any **one** agent of soil erosion.

19. In which **one** way can people give care to wild birds in the environment?

20. How do coniferous plants reproduce?

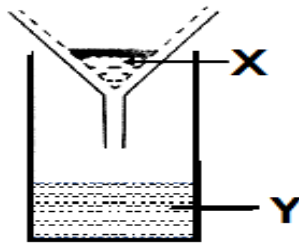
21. Give **one** example of a substance that belongs to solutes.

22. Write down any **one** advantage of steaming up in cattle management.

23. State any **one** way of maintaining the proper functioning of the brain.

24. What type of change occurs when wood burns to ash?

The diagram below shows a method used to clean water. Use it to answer the question **25**.



25. What scientific name is given to liquid Y?

26. Which type of intestinal worms enters the human body through bare feet?

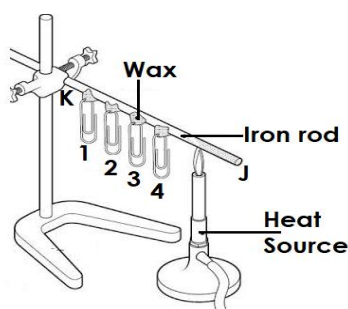
27. How do mushrooms reproduce?

28. State any **one** way of treating dehydration in patients with diarrhoea.

29. Give any **one** activity done under personal hygiene.

30. Name the major product obtained from Angora goats.

The diagram below shows a method of heat transfer. Use it to answer question **31**.



31. How does heat move from point **J** to point **K**?

32. Name the disease vector which spreads trachoma to humans.

33. State the function of a screen on a VIP latrine.

34. Why are irish potatoes grouped under stem tubers?

35. Mention any **one** requirement needed for plants to grow.

36. Give one way people can conserve resources in the environment.

37. What type of leaf venation do banana leaves have?

38. State any **one** importance of bacteria to the soil.

39. State the use of a razor blade in giving first Aid.

40. State any **one** advantage of breastfeeding to babies.

SECTION B(60 Marks)

41. a) Mention **two** types of chicken.

i) _____

ii) _____

b) Give **one** examples of products obtained from chicken.

c) Why is free range system common in rural areas?

42. a) Write **one** examples of internal parasites in cattle.

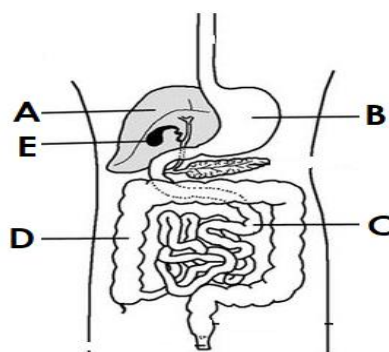
b) Suggest **two** ways cattle farmers can control external parasites in their cattle.

i) _____

ii) _____

c) Give **one** way parasites affect cattle.

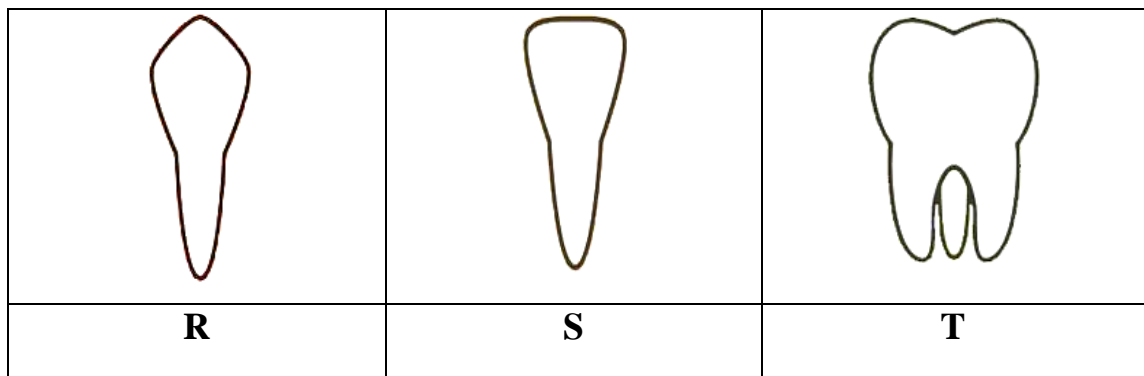
43. The diagram below shows a human digestive system. Study and use it to answer questions that follow.



- a) Name the parts marked;
- i) **A** _____
- ii) **B** _____
- b) What important process occurs in part marked **C**?
- _____
- c) Give any **one** disease that affects the above system.
- _____
44. a) Mention **two** examples of exotic breeds of rabbits.
- i) _____
- ii) _____
- b) Write any **two** diseases that affect rabbits.
- i) _____
- ii) _____
45. a) Give **two** ways in which heat affects matter.
- i) _____
- ii) _____
- b) State any **two** uses of heat energy at home.
- i) _____
- ii) _____
46. a) Name **two** processes in nature that contribute water vapour in the water cycle.
- i) _____
- ii) _____
- b) State the role of the sun in the water cycle.
- _____
- d) Which type of clouds are a sure sign of rain?
- _____
47. a) Mention **one** example of water impurities.
- _____
- b) Write **two** methods of making water for drinking.
- i) _____
- ii) _____
- c) State any **one** way silting affects aquatic life.
- _____
48. a) Why is the volume of a stone found using displacement method?
- _____
- b) How do the following objects behave when placed in water?
- i) Stone _____
- ii) Polythene paper. _____

c) Why do the above objects behave differently when placed in water?

49. The diagrams show types of teeth. Study and use them to answer the questions that follow.



a) Name the types of teeth named;

- i) **R** _____
- ii) **S** _____

b) State the function of the types of teeth marked;

- i) **S** _____
- ii) **T** _____

50. a) Mention **two** principles of Primary Health Care.

- i) _____
- ii) _____

c) Give any **two** PHC activities that control the spread of communicable diseases in a community.

- i) _____
- ii) _____

51. a) Give any **one** example of seeds dispersed by;

- i) Animal _____
- ii) Wind _____

b) Mention **one** characteristic of seeds dispersed by animals.

c) Give any **one** advantage of seed dispersal to the environment.

52. a) State any **two** ways of preparing food in a home.

- i) _____
- ii) _____

b) State **two** ways of keeping food for a long time.

- i) _____
- ii) _____

53. a) Give any **two** components of soil.
- i) _____
- ii) _____
- b) Write **one** method by which soil is formed.
- _____
- c) State any **one** way of improving soil erosion.
- _____
54. a) In which way are burns and scalds similar?
- _____
- b) What is the first aid for burns and scalds?
- _____
- c) Give any **two** ways of preventing burns and scald at home.
- i) _____
- ii) _____
55. Study the table below and fill in correctly.

Part of reproductive system	Function
_____	To produce testosterone.
Ovary	_____
_____	Where fertilization takes place.
Epididymis	_____