

# THE SIPRO MID - TERM II EXAMINATIONS 2023

SUBJECT : INTEGRATED SCIENCE

CLASS : PRIMARY FOUR

DURATION : 2 hours 15 minutes

Name: \_\_\_\_\_

School: \_\_\_\_\_

District: \_\_\_\_\_

## READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: A and B.
2. Section A has 20 questions (40 Marks).
3. Section B has 15 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B, must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or *ink*. Only diagrams and graph work must be done in *pencil*.
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 Use Only;

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

Please turn over



THE SIPRO EDUCATIONAL SERVICES LIMITED - KAMPALA

PUBLISHERS OF THE SIPRO TEACHERS' GUIDES, LEARNER'S WORKBOOKS & PUPIL'S COMPANIONS

**SEMAS** | Simplified Learning Today

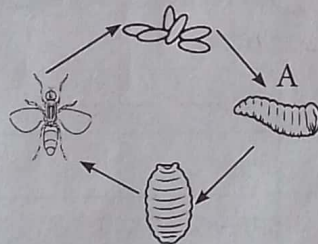
www.semas.one

## SECTION A: 40 MARKS

Questions 1 to 40 carry **one** mark each.

1. Name **one** example of a living thing in the environment.  
\_\_\_\_\_
2. How do bedbugs protect themselves from enemies?  
\_\_\_\_\_
3. How are cows in a school farm useful to school children?  
\_\_\_\_\_
4. Why is a bean seed called a dicotyledonous seed?  
\_\_\_\_\_
5. Name the structures that enable an insect to breathe.  
\_\_\_\_\_
6. Which is the main natural source of heat and light in the environment?  
\_\_\_\_\_
7. State any **one** problem a first aider who lacks gloves is most likely to face when giving first aid.  
\_\_\_\_\_

The diagram below is of a life cycle of an insect. Study and use it to answer question 8.



8. Identify the stage marked with letter **A** in the lifecycle drawn above.  
\_\_\_\_\_
9. Name the class of food that helps the body to fight against diseases.  
\_\_\_\_\_
10. Write any **one** role played by children in a family.  
\_\_\_\_\_
11. Mention the season in which crop farmers transplant seedlings to the main garden.  
\_\_\_\_\_
12. Give any **one** use of water in the promotion of sanitation at home.  
\_\_\_\_\_  
\_\_\_\_\_



© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911

**P.4 INTEGRATED SCIENCE MID-TERM II EXAMINATIONS 2023**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.



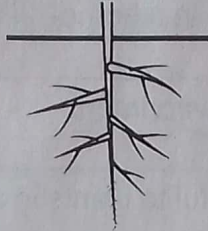
13. State **one** source of clay in the environment.

14. Give any **one** effect of too much sunshine in the environment.

15. State any **one** reason for movement of animals from one place to another.

16. Mention **one** effect of polio to an individual.

The diagram below is of a root system. Study and use it to answer question 17.



17. Name the type of root system drawn above.

18. Mention the animal which lives in a hutch.

19. Give any **one** cause of common accidents at home.

20. State **one** way of saving electricity at home.

21. Name the group of animals whose bodies are covered with feathers.

22. How is an anthill useful to a termite?

23. State **one** importance of birds to plants.

24. Name any **one** living component in the environment.

25. Give **one** danger of cooking from a dirty place.

26. Mention any **one** characteristic of a banana plant as a perennial crop.



© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911

**P.4 INTEGRATED SCIENCE MID - TERM II EXAMINATIONS 2023**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

2

27. Give **one** way we can keep a kraal clean.

28. State **one** importance of sand soil to people.

29. How is a wind vane useful at a weather station?

30. Name **one** harmful insect that spreads diseases among people.

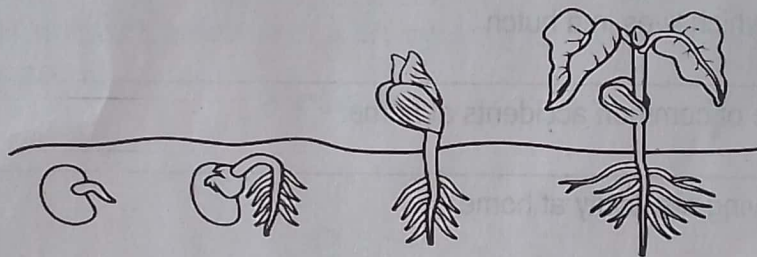
31. State **one** importance of keeping the body clean.

32. Give any **one** way you can control snakes in a home.

33. Write **one** effect of heavy rainfall to the environment.

34. Mention **one** way light from the sun is useful to plants in a school compound.

The diagram below shows a type of germination. Study and use it to answer question 35.



35. Name the type of germination shown in the diagram above.

36. Why shouldn't we groom our fingernails using teeth?

37. Name the type of weather that helps in winnowing harvested cereals.

38. How does sweeping of a house prevent cockroaches in a house?

39. State the importance of PIASÇY messages to a school going child.

40. How is a slasher useful in promoting sanitation?



© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911

**P.4 INTEGRATED SCIENCE MID - TERM II EXAMINATIONS 2023**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

3



## SECTION B: 60 MARKS

Questions 41 to 55 carry **four** marks each

41. (a) Give **one** use of the following weather elements to people;

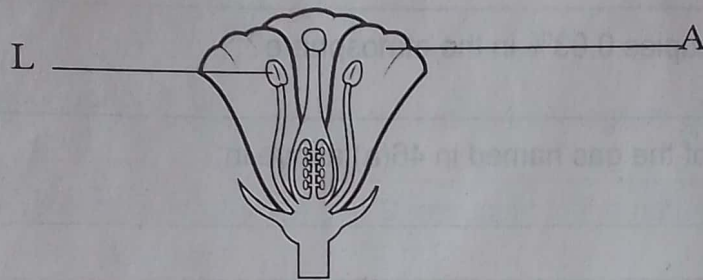
(i) sunshine; \_\_\_\_\_

(ii) wind; \_\_\_\_\_

b) Write the type of clouds that help in rain formation.

c) Name the season of the year with much rain.

42. The diagram below is of a flower. Study and use it to answer the questions that follow.



(a) Name part labelled A and L.

(i) A \_\_\_\_\_

(ii) L \_\_\_\_\_

(b) State the importance of flowers to;

(i) plants.

(ii) people.

43. (a) Name any **two** examples of domestic animals..

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(b) Give any **two** products got from domestic animals.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

44. (a) State the importance of the farming practices given below.

(i) weeding \_\_\_\_\_

(ii) pruning \_\_\_\_\_



b) Give **two** reasons why farmers mulch their gardens.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

45. (a) Why should we wash our hands with soap after visiting the latrine?

(b) Give **two** dangers of staying in dirty clothes for a long time.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Why are P.4 children advised to brush their teeth every after a meal?

46. (a) Which gas occupies 0.03% in the atmosphere?

(b) State the use of the gas named in 46(a) above in;

(i) our daily life. \_\_\_\_\_

(ii) plant life. \_\_\_\_\_

(c) Write any **one** property of air.

47. (a) Name any **two** examples of common diseases.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) State **two** ways of controlling common diseases.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

48. (a) Name **one** foodstuff eaten without being cooked.

(b) Give **one** effect of poor feeding in babies.

(c) Mention any **two** uses of food to the body of a p.4 child.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_



© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911

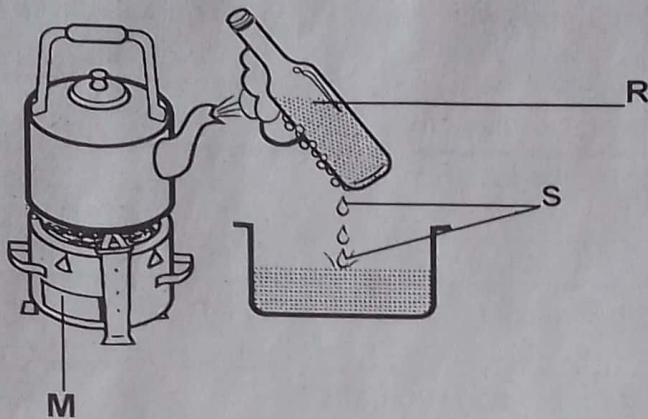
**P.4 INTEGRATED SCIENCE MID - TERM II EXAMINATIONS 2023**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.

**5**



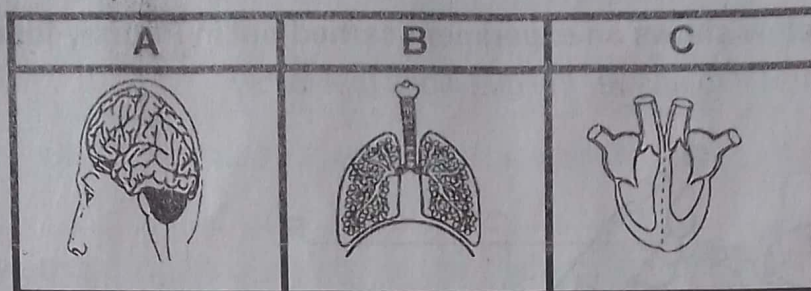
49. The diagram below shows an experiment carried out in Primary four. Study it carefully and use it to answer the questions that follow.



- (a) Name the natural process experimented in the diagram above.
- \_\_\_\_\_
- (b) What do the parts labelled **M** and **S** represent in the natural process mentioned in (a) above?
- (i) **M** \_\_\_\_\_
- (ii) **S** \_\_\_\_\_
- (c) How is part marked with letter **M** useful in the above experiment?
- \_\_\_\_\_
50. (a) Give the meaning of the term sanitation.
- \_\_\_\_\_
- \_\_\_\_\_
- (b) Mention any **two** items used to promote sanitation in the classroom.
- (i) \_\_\_\_\_ (ii) \_\_\_\_\_
- (c) Write **one** cause of poor sanitation in the classroom.
- \_\_\_\_\_
51. (a) What term refers to the vertical arrangement of soil layers?
- \_\_\_\_\_
- (b) State the name given to the first layer of soil from up.
- \_\_\_\_\_
- (c) Mention any **one** use of loam soil to people.
- \_\_\_\_\_
- (d) Give **one** way in which soil is formed.
- \_\_\_\_\_



52. The diagrams below are of major body organs. Study and use them to answer the questions that follow.



(a) Name the body organs marked **A** and **C**.

(i) **A** \_\_\_\_\_

(ii) **C** \_\_\_\_\_

(b) How is the use of organ **B** similar to stomata in a plant leaf?

(c) Give **one** way of caring for the above organs.

53. (a) Name any **two** dangers of poor personal hygiene among people.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) How are the items below useful in the promotion of personal hygiene?

(i) sponge \_\_\_\_\_

(ii) towel \_\_\_\_\_

54. (a) Name any **two** useful insects to people.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(b) Write **two** body parts removed from an insect before eating it.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

55. Match these vectors to the diseases they spread

**vectors**

**diseases**

cockroach

rabies

tsetse fly

bilharziasis

fresh-water snail

polio

rabid dog

sleeping sickness

(i) cockroach \_\_\_\_\_

(ii) tsetse fly \_\_\_\_\_

(iii) fresh water snail \_\_\_\_\_

(iv) rabid dog \_\_\_\_\_



© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911

**P.4 INTEGRATED SCIENCE MID - TERM II EXAMINATIONS 2023**

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL'S COMPANIONS.