

THE SIPRO BEGINNING OF TERM II EXAMINATIONS - 2023
PRIMARY SEVEN INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.						Personal No.		

Candidate's Name: _____
 Candidate's Signature: _____
 School Random No. _____
 District: _____

READ THE FOLLOWING 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 (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		
Page 8		
Page 9		
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

20. State the form of drug misuse done when one takes the drugs shown above at any given time.

21. Give **one** danger of the form of drug misuse you have mentioned in number 20 above to the human body.

22. Name the immunisable disease that affects both the respiratory and skeletal-muscular systems.

23. Which characteristic enables clay soil to hold water for a long time?

24. Which type of changes leads to the growth of living things?

25. State the difference in the breathing of a tick and other arachnids.

26. How does rinsing of the mouth after meals control tooth decay?

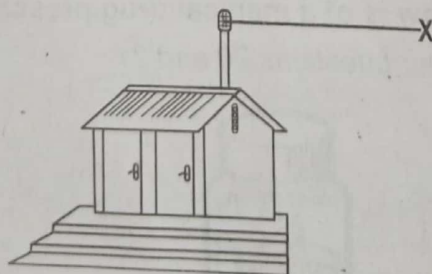
27. Name the body organ which purifies blood by removing waste materials.

28. Mention **one** sign of cholera which leads to dehydration.

29. Give **one** disadvantage of rearing exotic breeds of rabbits.

30. How is lack of iron in the diet a danger to one's circulatory system?

The diagram below is of a type of latrine. Study and use it to answer questions 31 and 32.



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2023

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

10. Which bee product is a source of carbohydrates when eaten?

11. State any **one** difference between river blindness and night blindness.

12. Name the drug of dependence that makes people drunk when excessively taken.

13. State **one** similarity between liquids and gases as states of matter.

14. Mention any **one** thing that happens to air as it enters through the nose.

15. How are **PIASCY** messages useful in the control of STDs among school going children?

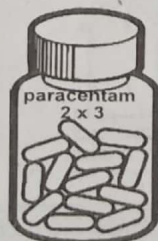
16. In which way is prolonged breastfeeding important in the family planning process?

17. Give **one** way regular weeding controls crop pests in a school garden.

18. Mention **one** lifestyle that helps in the control of heart diseases and disorders.

19. How is the presence of water in milk detected on a dairy farm?

The diagram below is of a medical drug prescribed for a patient. Study and use it to answer questions 20 and 21.



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2023

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

2

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Which part of the human ear collects and transmits sound waves to the auditory canal?

2. Why are people advised to use liquid soap when mopping the floor of a house?

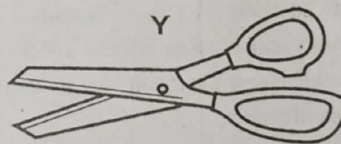
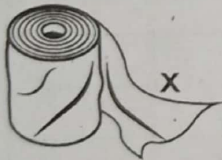
3. Name the component of blood manufactured in the bone marrow of short bones.

4. State **one** role of water to a person making pots.

5. How does trimming of fingernails control the spread of diarrhoeal diseases?

6. Mention **one** measure that can be taken to control floods in an area.

The diagrams below are of two first aid kit. Study and use them to answer questions 7 and 8.



7. Mention any **one** accident which requires the use of the kit marked with letter X when giving first aid.

8. How is the first aid kit marked with letter Y useful to a first aider?

9. State **one** way drinking enough water helps in the control of digestive disorders.



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2023

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

1

31. Name the above type of pit latrine.

32. How is part X useful in the control of the spread of diarrhoeal diseases in a home?

33. Why are poultry vices not common in the cage system of keeping poultry?

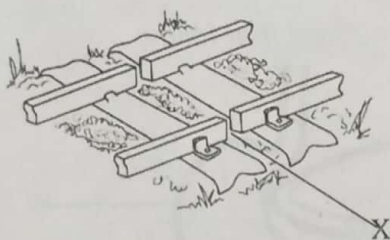
34. Which type of leaf venation is common in dicotyledonous plants?

35. Name **one** group of living things which feeds on dead decaying matter.

36. Give **one** way people can keep their bones healthy and strong.

37. How are saanen goats similar to friesian cattle in terms of purpose?

The diagram below shows part of a railway line. Study and use it to answer question 38.



38. Why do the gaps marked with letter X appear narrower during hot weather?

39. Which group of mammals reproduces exactly in the same way as birds?

40. Mention **one** lifeskill that can help a P.7 candidate to avoid drug dependency.



SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) How are the following parts useful to one's muscular-skeletal system?

i) tendon _____

ii) ligament _____

b) Name the injury **one** sustains when their muscle is over stretched or torn.

c) State **one** first aid for the injury you have mentioned in 44 (b) above.

42. a) Name **two** layers of the soil profile which do not support growth of crops with shallow roots.

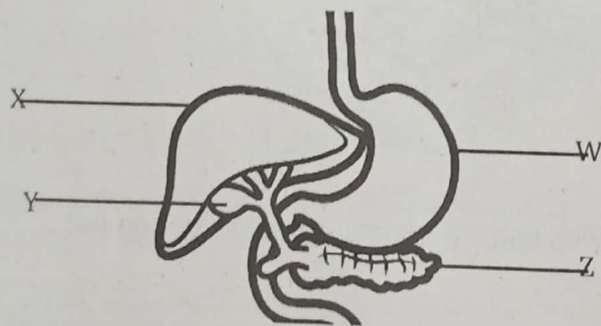
i) _____

ii) _____

b) Give a reason why the above soil layers are unable to support crop growing.

c) Mention **one** crop growing practice that improves soil fertility.

43. The diagram below shows part of the digestive system. Study and use it to answer the questions that follow.



a) Name the body organs labelled with letters **W** and **Y**.

i) **W** _____ (ii) **Y** _____

b) How is the organ marked **X** different from the one marked **Z** in terms of function?



© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911
P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2023
IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANIONS.

- c) Use an arrow and letter **D** to show the part where fats are chemically digested.
44. a) Name the **two** classes of vertebrates that undergo external fertilization.
- i) _____
- ii) _____
- b) Name the natural environment where the above animals breed.
- _____
- c) Give **one** way the above animals can be conserved.
- _____

45. a) Mention any **two** viral immunisable diseases.

i) _____

ii) _____

- b) Give any **two** methods used to administer vaccines in infants.

i) _____

ii) _____

46. a) State **two** ways non-flowering plants reproduce.

i) _____

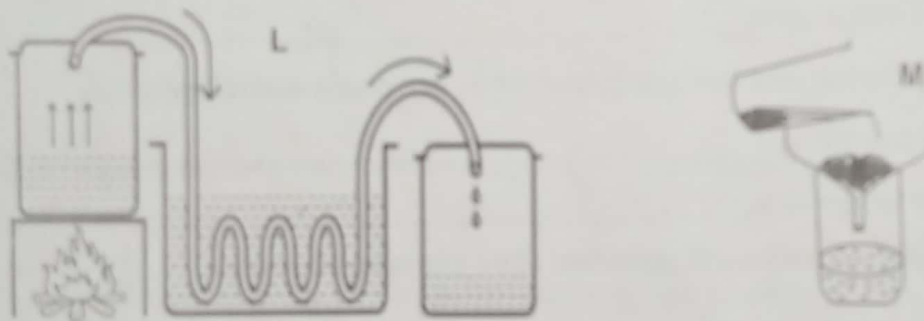
ii) _____

- b) Write any **two** ways plant leaves are adapted to making food

i) _____

ii) _____

47. The diagrams below are of two methods of preparing clean water. Study and use them to answer the questions that follow.



- a) Identify the methods of purifying water marked with letters **L** and **M**.

(i) **L** _____ (i) **M** _____

- b) Besides purifying water, give **one** other activity done using method **L**.

- c) How best can the water collected in method **M** be made safe for drinking?



48. a) Name the item used by an individual to;

i) clean the nose _____

ii) wipe the body after bathing _____

b) Give **one** disease caused by poor personal hygiene.

c) How does regular bathing control skin diseases?

49. a) Why are changes in seasons regarded as natural changes in the environment?

b) Mention any **two** natural causes of changes.

i) _____

ii) _____

c) State any **one** way people made changes lead to soil erosion.

50. a) Give **one** way the following methods help in food preservation;

(i) sun drying _____

(ii) refrigeration _____

b) Mention **one** foodstuff preserved by sun drying and refrigeration.

(i) sun drying _____

(ii) refrigeration _____

51. a) Apart from insects, write **two** other examples of vectors.

i) _____

ii) _____

b) Give any **one** way vectors spread germs among people in the community.

c) Mention any **one** activity done to control vectors in residential houses.



52. a) Mention **two** elements of **PHC**.

i) _____

ii) _____

b) Why should methods used in **PHC** be affordable in the community?

c) How does introduction of vaccines in the body control Immunisable diseases among infants?

53. The diagram below is of a person giving out blood. Study and use it to answer the questions that follow.



a) What name is given to the process taking place in the diagram shown above?

b) Give **one** reason why the blood obtained above should be carefully screened before transfusion.

c) Give **two** other ways of increasing the volume of blood in an anaemic person apart from transfusion.

i) _____

ii) _____



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2023

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

8

54. Match the animals in list A to their mode of movement in list B

List A

List B

snail

crawling

cow

running

chameleon

jet propulsion

ostrich

charging

i) snail: _____

ii) cow: _____

iii) chameleon: _____

iv) ostrich: _____

55. a) Mention any **two** musical instruments that produce sound when their strings are plucked.

i) _____

ii) _____

b) Give any **one** factor that affects the pitch of sound produced by the above instruments.

c) Mention **one** activity one can do to increase the pitch of sound produced by the musical instruments in (a) above.



© Sipra Educational Services Tel: 0414669050/ 0750-274911/0770-274911

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2023

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAK, TE'S GUIDES AND PUPILS COMPANIONS.