

THE SIPRO BEGINNING OF TERM II EXAMINATIONS - 2024
PRIMARY SEVEN INTEGRATED SCIENCE

Time Allowed: 2 Hours 15 Minutes

Index No.

Random No.	Personal No.

Candidate's Name: _____

Candidate's Signature: _____

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

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

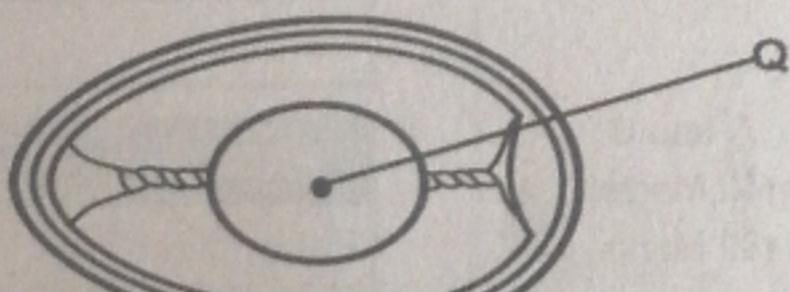
1. Name the body organ used for sight.

2. Give the role played by roots in the process of photosynthesis.

3. Write any one behavioural difference between a cock and a hen.

4. Mention any one health lifestyle that promotes the proper functioning of the skeletal-muscular system.

Below is a diagram showing an unfertilised egg. Study and use it to answer questions 5 and 6.



5. Use an arrow and letter K to label the part that performs a similar role as the air sacs in human beings.

6. Name the part marked with letter Q.

7. Why is the volume of an Irish potato got by using the displacement method?

8. Give any one reason why farmers are advised to plant seeds in rows.

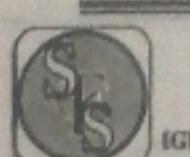
9. Write any one way music stored on a memory card can be reproduced.



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

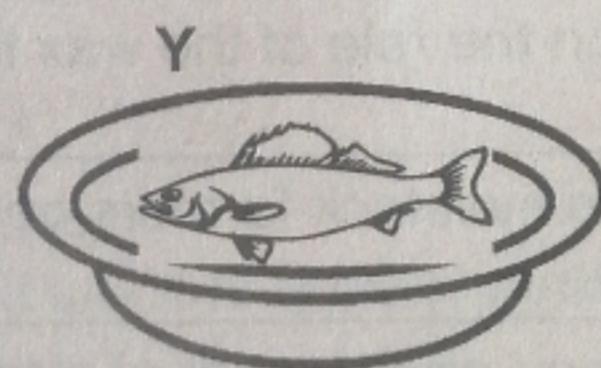
P.7 INTEGRATED SCIENCE BEGINNING OF TERM II - EXAMINATION - 2024

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



10. When does a fuse work in an electric circuit?
-
11. Name the property of air that helps a P.7 candidate to suck soda from a bottle using a straw.
-
12. How is stagnant water useful in the lifecycle of a mosquito?
-
13. Apart from immunisation, write one way the spread of polio can be controlled.
-
14. Write any one energy resource obtained from plants.
-
15. How is the function of the aorta similar to that of the pulmonary artery?
-

Below are diagrams showing foodstuffs X and Y. Study and use them to answer questions 16 and 17.



16. Which deficiency disease is controlled through eating the foodstuffs labelled with letters X and Y?
-
17. How do the foodstuffs shown above help in the control of the deficiency disease mentioned in (16) above?
-
18. Which instrument helps in measuring the body temperature of a human being?
-



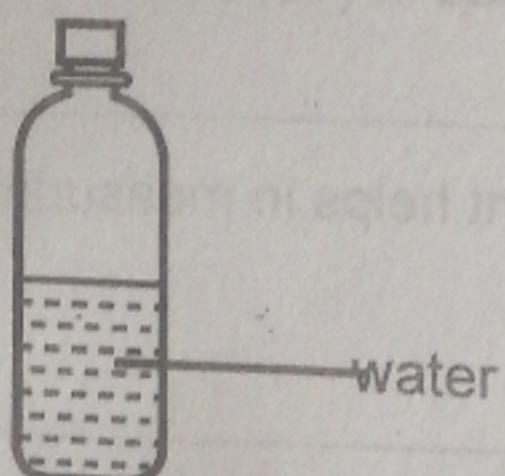
© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2024

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

32. How
33. Stat
34. Mer
35. How
36. Sta
- ca
37. Wh
38. In
39. W
- na
- Th
- 40.
19. Name any **one** example of a waterborne disease.
20. Why are biceps and triceps muscles grouped under voluntary muscles?
21. How is a magnet useful to a person repairing watches?
22. State **one** advantage of keeping our hair on the head clean.
23. Which method of soil formation involves the action of bacteria?
24. Name the non-renewable resource which is a source of nuclear energy.
25. How do root hairs absorb water from the soil?
26. State any **one** way of caring for wild animals in the environment.
27. State any **one** method of separating mixtures that involves the use of heat.
28. Mention the role of the wax found in the human ear.
29. How do livestock farmers benefit from rearing local breeds of cattle?
30. State any **one** danger of strong wind to people.
31. Mention any **one** way a school can safeguard children from accidents caused by hot objects.

The diagram below shows a bottle that is half way filled with water.
Study and use it to answer question 32.



© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911
P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2024

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

32. How can the pitch produced by the bottle above be increased?

33. State **one** quality of a good cassava stem cutting to be used for planting.

34. Mention **one** benefit of brushing teeth regularly.

35. How are animal hooves useful to people?

36. State any **one** step taken by people to administer first aid to a convulsing casualty.

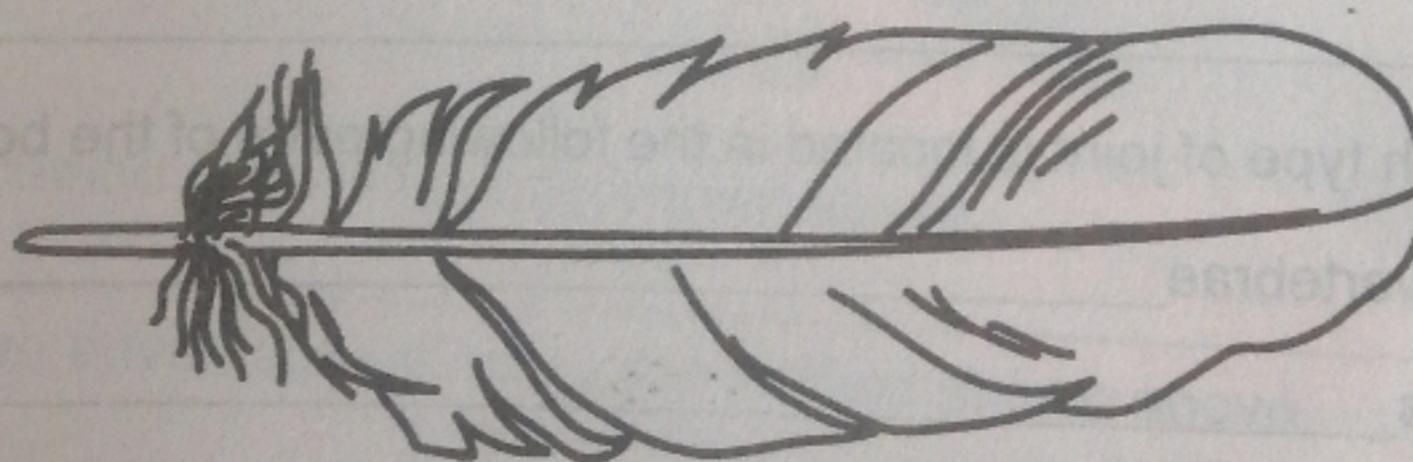
37. Why do bacteria usually breed fast in places with rotting matter?

38. In which **one** way are reptiles well adapted to their mode of feeding?

39. Why do people making magnets using electricity put many coils around the nail to be magnetised?

The diagram below is of a feather. Study and use it to answer question

40.



40. How do birds benefit from the type of feather drawn above?



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2024

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

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) State any two examples of soil pollutants.

i) _____

ii) _____

b) Mention any two ways of controlling soil pollution.

i) _____

ii) _____

42. a) Name one extended part of a rabbit that people hold when carrying it.

b) State any two advantages of rearing rabbits over other domestic animals.

i) _____

ii) _____

c) Give any one way of caring for rabbits.

43. a) Name any two materials people use to brush their teeth.

i) _____

ii) _____

b) State any two diseases of the teeth.

i) _____

ii) _____

44. a) Which type of joint is located in the following parts of the body?

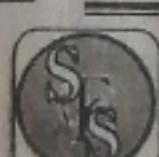
i) neck vertebrae _____

ii) pelvis _____

b) Mention any two ways of keeping joints in a proper working order.

i) _____

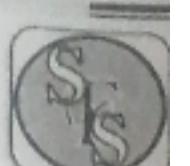
ii) _____



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2024

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



45. a) Which type of change occurs when;
i) an egg hatches? _____
ii) a candle wick burns? _____

b) Mention any two causes of natural changes in the environment.
i) _____
ii) _____

46. a) Give the meaning of the term fainting.

b) State the main cause of fainting in a person.

c) Why is it necessary to raise the legs of a fainted casualty?

d) State one way of controlling fainting among people in the community.

47. Below is a diagram showing a method of grazing cattle. Study it carefully and use it to answer the questions that follow;



a) Name the method of grazing cattle shown above.

b) Write any two advantages of using the method shown above.

i) _____

ii) _____

c) Apart from the one shown in the diagram above, mention any other method of rearing cattle.



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2024

IGNITE CRITICAL THINKING AND EXPERIMENTAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES AND PUPIL'S COMPANION.

48. a) State the function of each of the following components of a circuit.

i) switch _____

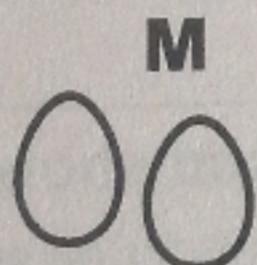
ii) dry cell _____

b) State two reasons why a bulb may stop lighting when the circuit is complete with dry cells well arranged.

i) _____

ii) _____

49. The diagram below shows the stages in the lifecycle of a bird. Study and use it to answer the questions the follow.



a) Name the process by which stage M turns into stage P.

b) What name is given to stage marked with letter J?

c) Use arrows to complete the poultry process drawn above correctly.

d) How long does stage marked with letter M take to turn into stage marked with letter P?

50. a) Mention any two examples of rare gases.

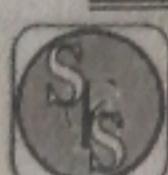
i) _____

ii) _____

b) Apart from burning, water two other processes supported by oxygen.

i) _____

ii) _____



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2024

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

51. a) Define the term dehydration.

b) State **two** ways a mother can tell that one of her children is dehydrated.

- i) _____
ii) _____

c) Mention **one** step taken by the mother to control dehydration among her children.

52. The diagrams below are of two examples of energy resources.

Study and use them to answer the questions that follow.



a) To which group of energy resources do the ones drawn in the diagrams above belong?

b) Why is energy resource marked **W** grouped under the type named in (a) above? _____ (ii)

c) State **one** way energy from each of the above shown energy resources can be used by people.

- i) **W** _____
ii) **M** _____



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2024

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

53. a) State any **two** examples of objects that behave in the same way as the cork when placed in a glass full of water.

i) _____

ii) _____

b) Mention **two** examples of forces that determine the weight of an object.

i) _____

ii) _____

54. a) Give the difference between a convalescent and an invalid as sick people.

b) Apart from the sick, mention **two** other examples of vulnerable groups of people.

i) _____

ii) _____

c) Mention **one** way of caring for the sick.

55. a) Write any **two** primary sex changes that occur in adolescent boys.

i) _____

ii) _____

b) Mention any **two** things adolescents can do to promote reproductive health.

i) _____

ii) _____



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

P.7 INTEGRATED SCIENCE BEGINNING OF TERM II EXAMINATION - 2024

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