SUCCESS ACADEMIC FOUNDATION OF UGANDA (SAFU)

PRE - PRIMARY LEAVING EXAMINATION SET VI. 2024



INTEGRATED SCIENCE Time Allowed: 2 Hours 15 Minutes

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the instructions carefully:

- 1. This paper is made up of Sections A and B.
- 2. Section A has 40 short-answer questions. (40 marks)
- 3. Section B has 15 questions. (60 marks)
- 4. Answer All questions. All answers to both Sections A and B must be written in the spaces provided.
- 5. All answers must be written using blue or black ball point pen or ink. Diagrams should be drawn in pencil
- 6. Unnecessary alteration of work may lead to loss of marks.
- 7. Any handwriting that cannot be read may lead to loss of marks
- 8. Do not fill anything in the boxes indicate For Examiners' Use Only.

FOR EXAMINERS' USE ONLY

2n. No.	Marks	Final Mark
1 - 10	The second second second	
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
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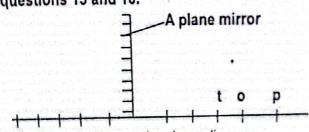
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Head Offices Kampala on Gadali Rd. Plot 201 Opposite Gateway Bus Garage. Tel: 9774-488552 / 9795-994736. Branches: Mityana Taxi park on Kamusese building Tet:0753396322, Tororo Tel 9762529834 / 9795598135, Bwoyogerere: Governor Complex Busings 9/73955943



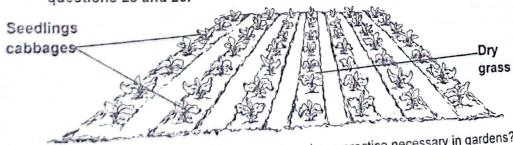
	SECTION A								
1. N	Questions 1 to 40 carry one mark each. ame the structure on a cattle farm where deworming and artificial insemination and be done								
	Give any one artificial source of heat in the environment.								
	Why should the garden be ploughed before planting?								
3.	State the reason why pollarding is the best method of harvesting fruit trees.								
***	Use the diagram below to answer questions 5 and 6.								
5.	Give the use of leaves marked R to the plant.								
6.	What type of stem is possessed by the above plant?								
7.	State any one reason why the use of biogas in considered friendly to the environment.								
8.	Mention one bad health lifestyle that can make a pregnant mother give birth to a baby who is under weight.								
9.	How do babies benefit from weaning?								
10.	Name the object that causes transpiration and evaporation in rain formation.								
11.	Why is it bad for a school girl to get pregnant?								
12									
13									
	. Give any one way through which plants benefit from each other.								

The diagram below shows a word placed in front of a plane mirror. Study It and answer questions 15 and 16.



- Write the image of the word top on the above diagram. 15.
- Give any one characteristic of the image written above. 16.
- 17 How are cones useful to cypress plants?
- Give the group of invertebrates that have the following characteristics; segmented 18 bodies, jointed legs and exoskeletion.
- 19. Why is it difficult to tell the exact colour of a chameleon?
- 20. Apart from meat, give any one other reason why people keep goats.
- State the reason why cuts on the skin should be cleaned and covered.
- 22 How can water vapour be got from water?
- 23. Why do bees produce wax?
- 24. Under what degree of temperature does melting of solids occur?

The diagram below shows a crop growing practice. Use it to answer questions 25 and 26.



- During what crop growing season is the above practice necessary in gardens? 25.
- Why are crop farmers discouraged from using fresh grass in the above practice? 26.

Pre - Primary Leaving Integrated Science Examination set VI, 2024

Pre - Primary Leaving Integrated Science Examination set VI, 2/4
Head Offices Kampala on Gadali Rd. Plot 201 Opposite Gateway Bus Gatage, Tel: 0774-489552 / 0705-004736, Branches: Mityana Taxi park on Kamusese Present Continues the Continues and Continues of Continues Continues Continues Continues (Continues Continues Contin

N	Mention the part of a VIP latrine that has similar function as the window of a livi
h	nouse.
-	Name the principle of PHC that encourages every member of the community to
F	participate in PHC.
1	Mention any one way block and tackle pulley systems are applied.
1	Why is cutting fingernails short a good health practice?
-	How can music stored in a memory card be reproduced?
	Name the disorder of the digestive system that is caused due to lack of roughain one's diet.
	Write down one way of producing static electricity in the classroom.
	Study the diagram below and answer questions 35 and 36.
	Name the poultry vice shown above.
	How can the above vice be controlled in a poultry house?
	now can the above the analysis of the analysis

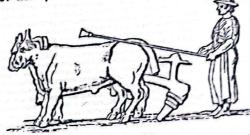
How is the reproduction of birds similar to that of mammals? 38. State the characteristic of clay soil that makes it hold water for a long time. 39 Mention any one energy resource got from water.

SECTION B

- a) Write down any one example of a stem tuber crop.
 - Give any one reason why cassava stem cutting for planting should be fairly long and with many nodes.
 - State any one factor that is considered when selecting cassava plant to grow.
 - d) Why are root tubers not used for propagation?

The diagram below shows an activity commonly done in our community.

Use it to answer the questions in number 42.



- 42. a) Name the activity being carried out in the above diagram.
 - b) What energy resource is being used in the diagram above?
 - c) In which other way can the energy resource named in (b) above be useful to man?
 - d) State the role played by the oxen in the above activity.
- Give a reason why the following practices are done in cattle keeping.
 - i) Dipping
 - ii) Ear tagging
 - b) Why should every cattle farm have the following tools.
 - i) Strip cups
 - ii) Drenching gun
- 44. a) Which disease is spread by mosquitoes that people are immunised against?

	(d	What characterist
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in tuckets the tuckets the tuckets	o nunexa ne Properti	State any one use of insects to people.
45.	Gi	ven the following list of animals, Man, Tortoise, Mosquitoes and Dove
efernalissa ISSS ansal	Stu	ldy them and the answer questions that follow
	a).	Name the animal that is an odd man out
	p)	steer serung samuras emprangation of consistent exchange respectively and product such services of services of services of the
CE krungsye Sandbringup Sandbringup	eujuevevju Perugyadni Settlexadni Settlekadni	Give a reason to support your answer in (a) above.
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19000119010 19000119010 1900119011	т.т .q) т пихооп	What characteristic groups only dove and man together?
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What method of seed dispersal is used in; i) X ii) W Name one seed dispersed using method marked X.	the questions in number 51.	(ii) rubbish pits	Give a reason why every home should have:	Why should proper sanifation be maintained at school?	Mention any one way of maintaining proper sanitation at school.	How is the ileum able to absorb digested food?	Colon Activities and the control of the co	What role is played by each of the following in food digestion i) tongue	Why does digestion of carbohydrates start from the mouth?	What is the use of milk given to a person who has been poisoned by chemicals?	How can near drowning be prevented in our community?	Why is it not advisable to give food or fluids to a convulsing person?	The state of the property of the state of th	terminate in a production of the participation page of the second of the	A CONTROL OF THE CONT

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Name of Control August on Carlot Ref. Parceles Curemay Bas Garaga. Ret. 0774-436527 (-078-5947), Les ving Tringrated Science Examination Service Science Examination Service Science Examination Service Science Examination Service Science S 0 9 a à 0 0 a Study the diagram below and use it to answer the questions in number 54. . In four sentence, explain how the electric bell works. 9 0 0 0 0 How does part marked K help the above organ to regulate body Name any one body system under which the above organ belongs. How can antisocial behaviours be reduced amongst teenagers? Give any one danger of antisocial behaviour to the teenagers. Write down one example of antisocial behaviour amongst teenagers. State any one cause of antisocial behaviour amongst teenagers. How is seed marked W able to be dispersed by its agents? Mention any one common pest that affects stored harvested crops. Which immunisable disease affects the above organ? State any one way the above organ protects the body. temperature on hot days? State any two features of a good granary. Why should harvested crops for storing need to be dried properly? END Ť