CLASS : PRIMARY	ED SCIENCE	
DURATION : 2 hours 15		
Name:		
School:		
District:		
 This paper has two sections: A and B. Section A has 40 questions (40 Marks). Section B has 15 questions (60 Marks). Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil. Unnecessary alteration of work will lead to loss of marks. Any handwriting that cannot be easily read may lead to loss of marks. Do not fill anything in the boxes indicated: "FOR EXAMINER'S USE ONLY" 	PAGES MARKS Page 1 Page 2 Page 3 Page 4 Page 5 Page 6 Page 7 Total	INITIALS
		turn over

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

- 1. Name one natural source of sound in the environment.
- 2. Which property of air is applied when filling car tyres with air?
- 3. Mention the main use of valves found in the human heart.
- 4. State one common way of propagating both banana plants and pineapples.
- 5. How are Alpine goats similar to Saanen goats in terms of their products?
- 6. Which force makes objects weigh differently on the moon and on the earth?
- 7. Give one way of controlling external parasites in rabbits.
- 8. In which way do clay charcoal stoves help to conserve plants?

The diagrams below show the two reproductive cells in animals. Use them carefully to answer questions 9 and 10.



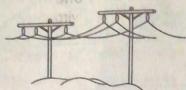


- 9. Name the reproductive cell marked with letter K.
- 10. State the immediate result obtained from the fusion of the two cells in the oviduct
- 11. Name any one liquid foodstuff which is an energy giving food.
- 12. How does rearing of poultry using cage system control poultry diseases? 13. Besides being affordable, state any other characteristic of essential drugs.
- 14. State the use of fungi in promoting soil fertility.
- 15. Assuming you are the health prefect, what first aid can you give to a fainted child
- 16. Give one danger of blackflies to the health of people.



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P.6 INTEGRATED SCIENCE END OF TERM III EXAMINATIONS
LITHINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDES & PUPIL. The diagram below is of electric wires on a hot day. Study and use it to answer question 17.



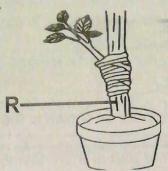
- 17. State the reason why the wires appear as shown in the above diagram.
- 18. Apart from a squat hole, what other part of a VIP latrine promotes proper air circulation?
- 19. State one condition that leads to bottle feeding in babies.
- 20. Write any one way the nose is adapted to cleaning inhaled air.
- 21. Name one item that can be made from sisal fibres apart from mats.
- 22. Why is free range grazing method of keeping cattle said to be unfriendly to crop farmers?
- 23. Jane washed clothes and hung them in the sun. What is the importance of such a practice?
- 24. State any one disadvantage of artificial fertilizers to crop farmers.
- 25. Give one characteristic of renewable resources.
- 26. Mention one reason why melting of ice is regarded as a physical change.
- 27. Name any one lung disease prevented by wearing face masks regularly.
- 28. What piece of advice can you give to a mother whose children are suffering from tapeworm infestations?
- 29. State the main reason why a salamander is grouped under vertebrates.
- 30. How long does a ewe take to produce after fertilisation?
- 31. What are communicable diseases?



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P.6 INTEGRATED SCIENCE END OF TERM III EXAMINATIONS 2023

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOMS, SEMAS, TEACHURS 2023



- 32. Name any one plant propagated by the above method.
- 33. Which body sense enables a P.6 child read work written on the chalkboard?
- 34. Name any one group of organisms which ferment milk to form yoghurt.
- 35. Mention any one way of controlling root crop diseases.
- 36. What type of digestion takes place in the stomach when the stomach walls churn food into chyme?
- 37. State any one effect of alcoholism to the family.
- 38. Mention the deficiency disease that makes a child have Ox bow legs.
- 39. How are red blood cells useful in the process of respiration?
- 40. State one role of cats in the control of rats in a home.

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

- 41. a) Apart from floods, give any other two natural causes of changes in the environment that affect crop farmers.
 - (i)

 - (b) State any one effect of floods to crop farmers.
 - (c) Give one way of controlling floods in the environment.



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42. The diagram below shows a beehive. Study and use it to answer the questions that follow.	
C	
entrance hole	
(a) Name the beehive drawn above.	
(b) Write the importance of part marked with letter C on the diagram.	
(c) State two advantages of using the above beehive.	
(ii)	
43. a) Which sexually transmitted disease has similar signs and symptoms to tuberculosis?	
(b) Give any two similar signs or symptoms of the above mentioned disease (a) to tuberculosis.	ise in
(ii)	
(c) State the best way of controlling the spread of tuberculosis among new born babies.	vly
44. The diagram below shows parts of the human ear. Use it to answer the	ne
questions that follow.	
K	
(a) Name the parts labelled with letters P and Q.	
(i) P:	
(ii) Q:	
(b) Name one communicable disease that attacks the human ears.	
(c) Give one way of caring for the human ear.	
45. a) State one natural source of heat apart from the sun.	
45. a) State one natural source of heat apart from the sun. (b) Write any one difference between heat and temperature.	



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P.6 INTEGRATED SCIENCE END OF TERM III EXAMINATIONS 2023

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



Toot tubers (ii) (iii) (iii) (iii) (iii) (iii) (iii) (iii) (iv) (iv)	(b) State any one advantage and disadvantage of the above type of insemination. (i) advantage: (ii) disadvantage: (c) Name the farm structure in which insemination is carried out. 47. a) Give any two elements of weather. (i) (ii) (b) In which one way is weather forecasting important to crop farmers? (c) Name the weather instrument used for measuring air pressure in the atmosphere.	(c) State the two ways heat travels through matter. (i) (ii) 46. The diagram below shows a method of insemination. Study and use it to answer the questions that follow. (a) Name the type of insemination shown above.
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© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911 P.G INTEGRATED SCIENCE END OF TERM III EXAMINATIONS 2023 CONTROL THINKING AND EXPERIENCE ACTUAL LEAGUING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDLES & PUPIL'S COMPANIONS	(c) Mention one activity a young farmers' club can do to control soil erosion in	(ii) improves soil aeration. (b) How are bacteria useful during soil formation?	51. a) Name the component of soil which: (i) holds soil particles together.	(c) Write one way of controlling silting.	(b) Give one human activity that leads to silting.		50. a) State any two ways people pollute water sources.	(d) How is a mosquito different from a cockroach in terms of lifecycle?	(c) Name the mosquito - borne disease caused by a virus.	(b) Give a reason to support your answer in 49 (a) above.	(a) Which of the above mosquitoes will die first?	49. The diagram below shows two mosquitoes with parts of their bodies dipped in water. Study and use them to answer the questions that follow.	
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(IV) Penicillium © Sipro Educational Services P.6 INTEGRATED SCIENCE REPRESENTED SCIENCE	(i) Nitrogen fixing bacteria: (ii) Putrefying bacteria: (iii) Yeast	Nitrogen fixing bacteria Putrefying bacteria Yeast Penicillium	55. List Q bears some useful fungi and bacteria with in P but in a wrong order. Match them correctly.	(c) Give one reason why it is date animals.	(b) State any two ways of caring for domestic animals(i)	54. a) Name one domestic animal	(ii) a pregnant woman (c) Apart from tobacco, name a	(b) State one effect of smoking tobacco to(i) a family:	(ii)	(ii)	52. a) In which two ways do farm
© Sipro Educational Services Tel: 0414669050/ 0755-274911/0776-274911		- fermentation of alcohol - making antibiotic drugs - decomposition of organic matter - fixing nitrogen into the soil	the	(c) Give one reason why it is dangerous to share a living house with domestic animals.	g for domestic animals.	54. a) Name one domestic animal used for ploughing land by people.	(ii) a pregnant woman(c) Apart from tobacco, name any other narcotic drug commonly abused by people.	tobacco to:	(ii)	shed to a nursery bed.	52. a) In which two ways do farmers care for seedlings in a nursery bed?