

THE SIPRO BEGINNING OF TERM I EXAMINATIONS 2024

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:
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SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Mention any one component of a clean home.

2. State the method of soil formation that involves decaying of organic matter.

The diagram below is of an animal. Study and use it to answer question 3.



3. Which food value is got from eating the above drawn animal?

4. Mention the natural cause of change that is managed by clearing water trenches.

5. Give any one effect of an accident to an individual.

6. Which domestic animal uses a kennel as its habitat?

7. Name any one common disease that spreads through mosquito bites.

8. How useful are spiracles to an insect?

9. Give one use of plant leaves to people.

10. State one activity a P.4 child can do to conserve water in a well.

11. Mention the importance of brushing our teeth regularly.

12. Write any one sign of poor feeding among infants.

13. Apart from the shoot system, give the other system of flowering plants.



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P.4 INTEGRATED SCIENCE BEGINNING OF TERM I EXAMINATIONS 2024

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

1

14. Give **one** characteristic of a cow as a living thing.

15. State any **one** activity done by farmers during rainy weather.

16. Which type of soil has the finest particles?

The diagram below is of part of the human arm. Study and use it to answer question 17.



17. Name the body part shown in the diagram above.

18. Why should a First Aider be quick at decision making?

19. Give **one** human activity that damages our environment.

20. Mention **one** item in a shop that is measured in kilograms.

21. How can people who keep cats prevent the easy spread of rabies in their communities?

22. Name **one** item used to keep our pit latrines clean.

23. State **one** activity a P.5 child can do to care for crops during sunny weather.

24. What are social insects?

25. Which component of air enables a seed to germinate?

26. Name the element of weather which is an agent of soil erosion.

27. Mention any **one** vector that is as a result of a dirty environment.



The diagram below is of a first aid box. Study and use it to answer question 28.



28. Identify any one item that is kept in the above box.

29. Which property of air enables people to suck drinks using straws?

30. Write one crop whose stem is eaten as food.

31. How is a mop useful in the control of dust on the floor in a house?

32. Which solute in ORS provides energy to a dehydrated victim?

33. State any one process involved in the water cycle.

34. Write any one way a P.4 child can take care of animals at home.

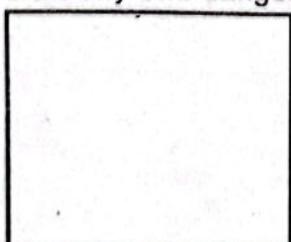
35. Give one importance of food in the human body.

36. State one way of saving firewood at home.

37. How best do parents prevent immunisable diseases among their children?

38. Name the clouds which are a sure sign of rain.

39. In the space below, draw any one dangerous object.



40. How does a chameleon protect itself from enemies?



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P.4 INTEGRATED SCIENCE BEGINNING OF TERM I EXAMINATIONS 2024

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

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41.a) What is personal hygiene?

b) Mention any two items used to promote personal hygiene.

- i) _____
ii) _____

c) Name one disease a person can get due to poor personal hygiene.

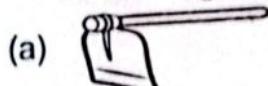
42. a) Write any two products got from domestic animals.

- i) _____
ii) _____

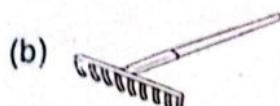
b) Mention two ways of caring for animals at home.

- i) _____
ii) _____

43. Match these garden tools to their uses.



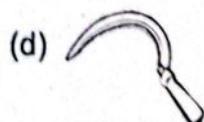
for carrying harvested crops



for cutting tall grass and cereals



for digging out weeds in a garden



for collecting cut weeds

44.a) Name the two forms of energy given out by the sun.

- i) _____
ii) _____

b) Give two dangers of too much sunshine in our environment.

- i) _____
ii) _____



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P.4 INTEGRATED SCIENCE BEGINNING OF TERM I EXAMINATIONS 2024

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

45.a) Name the sanitary items in a home needed for carrying out the following activities;

i) putting washed utensils to dry: _____

ii) bathing: _____

b) Write two importance of promoting sanitation in a given area.

i) _____

ii) _____

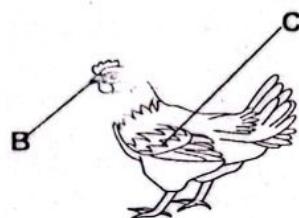
46.a) What does letter 'V' stand for in HIV?

b) Which communicable disease is caused by HIV?

c) State any one way HIV can spread among people in our community.

d) Name the programme in schools that safeguards youths from the HIV germ.

47. The diagram below is of a domestic bird. Study and use it to answer the questions that follow.



a) Name parts marked with letters B and C.

i) B _____

ii) C _____

b) How is part marked with letter B useful to a domestic bird?

c) Name any one product got from such a domestic bird.

48.a) Give any two common tree crops grown in the compound.

i) _____

ii) _____

b) State any two ways of controlling soil erosion in the school compound, apart from planting trees.

i) _____

ii) _____



49.a) Tick (\checkmark) two activities done by crop farmers during the wet season from the list below.

- (i) drying seeds (ii) planting (iii) painting
(iv) weeding (v) watering

b) Give two examples of common weeds.

- i) _____
ii) _____

50.a) Name any two plants that grow well in swamps.

- i) _____
ii) _____

b) Write any two other uses of swamps apart from crop growing.

- i) _____
ii) _____

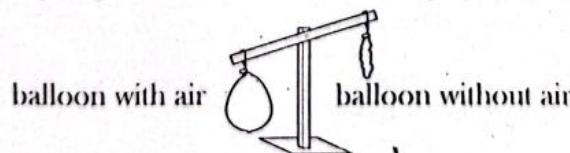
51.a) Write two ways of preserving food.

- i) _____
ii) _____

b) State one importance of preserving food.

c) What health activity should a person do before eating food?

52.a) Name the property of air shown in the diagram below.



b) Mention any two components of air.

- i) _____
ii) _____

c) Give any one use of moving air in our environment.



53.a) Mention any two types of weather.

- i) _____
ii) _____

b) Apart from wind, give any one other element of weather that cools the environment.

c) Name the place where weather instruments are kept.

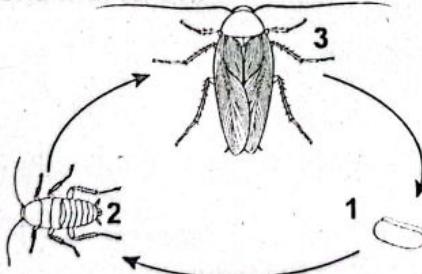
54.a) Write a word used to mean a person who has been involved in an accident.

b) Give any one quality of a good First Aider.

c) Mention any one cause of common accidents at home.

d) How can we prevent common accidents at home?

55. The diagram below is of a lifecycle of a certain insect. Study and use it to answer the questions that follow.



a) Name the type of life cycle shown above.

b) Which insect is shown in the life cycle above?

c) Give the difference between stages marked with number 2 and number 3.

d) Write any one disease spread by the above vector to people.



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

THE SIPRO BEGINNING OF TERM I EXAMINATIONS 2024

SUBJECT : INTEGRATED SCIENCE

CLASS : PRIMARY FIVE

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.
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SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Write down any one bird people keep in their homes.

2. State the reason why a stretcher is not kept in a first aid box.

3. In which way can caterpillars be dangerous to crop farmers?

4. Name any one of example an insect vector.

5. What enables moths to pollinate flowers at night?

The diagram below is of a parasite. Study and use it to answer question 6.



6. What general name is given to part R on the diagram above?

7. Give any one condition that may make rabbits to become sick on a farm.

8. Why should an accident victim be taken to the hospital?

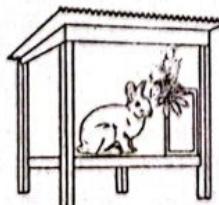
9. Mention one way food can be prevented from going bad.

10. State the reason why carbon dioxide is used in a fire extinguisher.

11. Which part of a plant mainly carries out transpiration?

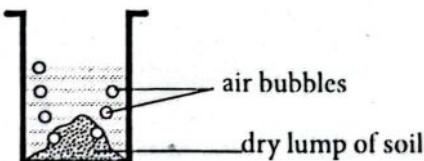
12. Give any one way of caring for home utensils.

The diagram below is of a constructed home of an animal. Study and use it to answer questions 13 and 14.



13. Identify the animal habitat shown in the diagram above.
14. Write down any **one** activity done in the animal home shown above to keep it clean.
15. Name any **one** plant whose seeds are first planted in a seed bed.
16. State the importance of a broom in a home.
17. Mention the first type of teeth to develop in babies.
18. Give **one** importance of maggots in a pit latrine.
19. Write down any **one** example of wood fuel.
20. Name **one** example of an animal that moves by gliding.

The diagram below shows an experiment that was carried out by a P.3 pupil. Study and use it to answer question 21.



21. What does the experiment above show about soil?
22. Mention the characteristic that makes living things to increase in number.
23. How are prop roots useful to a maize plant?
24. State **one** danger of looking at direct sunshine.
25. Mention the breeding place for mosquitoes in our local environment.
26. Which part of a flower contains ovules?



27. Mention the class of food that boosts our body immunity.

28. Write down any **one** activity done at home by the help of clean water.

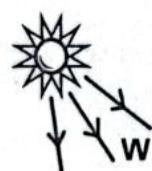
29. State **one** danger of playing with sharp objects.

30. Name the type of germination where the cotyledons remain inside the soil.

31. In which way are earthworms important in soil?

32. Name the disease in humans controlled by spraying adult tsetse flies.

The diagram below shows a process involved in a water cycle. Study and use it to answer question 33.



33. Name the process represented in the diagram above.

34. Give any **one** way of preventing garden tools from rusting.

35. Apart from rain, write down any other natural source of water.

36. State **one** disease spread when we drink contaminated water.

37. What do fish use to sense movements in water?

38. Which type of soil is used for modelling ceramics?

39. Which gas do plants provide to people during photosynthesis?

40. Name the insects that provide honey to people.



SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41.a) Give the meaning of the term food.

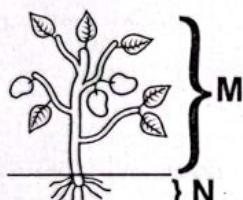
b) Mention two importance of food to our bodies.

i) _____

ii) _____

c) Write one source of food in our local environment.

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



a) Identify the plant systems shown by letters M and N on the diagram above.

i) M _____

ii) N _____

b) Give any two ways of caring for crops in the garden.

i) _____

ii) _____

43. a) State any one cause of common accidents in our community.

b) Mention any two injuries people get when involved in an accident.

i) _____

ii) _____

c) Why are accident victims given first aid?

44. a) What is seed germination?

b) How is water useful during seed germination?

c) Write down any two other conditions needed for seed germination.

i) _____

ii) _____



45.a) Name any **two** types of soil erosion in our environment.

- i) _____
- ii) _____

b) State any **two** ways of controlling soil erosion in hilly areas.

- i) _____
- ii) _____

46. The diagram below shows an activity done to control easy spread of common diseases. Study and use it to answer the questions that follow.



a) Identify the activity shown in the diagram above.

b) State any **two** importance of carrying out the above activity.

- i) _____
- ii) _____

c) Name any **one** disease controlled by the activity shown in the diagram above.

47.a) Name any **two** exotic breeds of rabbits.

- i) _____
- ii) _____

b) Mention the rabbit disease that makes them to;

i) pass out yellowish diarrhoea.

ii) scratch their ears.

48.a) Give the importance of these body organs to people;

- i) heart _____
- ii) liver _____

b) State any **two** habits that may put our body organs in danger.

- i) _____
- ii) _____



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P.5 INTEGRATED SCIENCE BEGINNING OF TERM I EXAMINATIONS 2024

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

49. The diagram below shows an instrument used in hospitals. Study and use it to answer the questions that follow.



a) Identify the medical tool shown in the diagram above.

b) How is the tool shown above useful to a doctor?

c) Apart from the instrument drawn above, name two other medical instruments used by health workers in hospitals.

i) _____

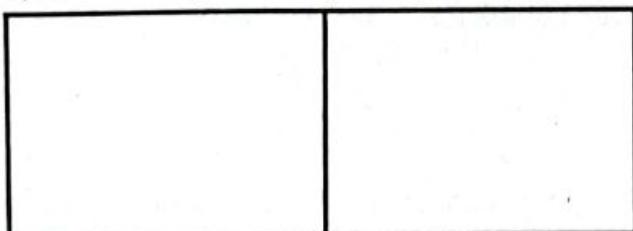
ii) _____

50. a) Mention any two examples of domestic animals.

i) _____

ii) _____

b) In the spaces below, draw any two products got from animal skins.



51. a) Name the type of pollination that takes place in pawpaw plants.

b) Mention any one agent of pollination.

c) What happens to these parts of a flower after fertilization?

i) ovules _____

ii) ovary _____

52. a) Name the method of soil formation that involves breaking down of rocks.

b) Write down any two types of soil in our environment.

i) _____

ii) _____

c) State one way of strengthening things made from soil.



53. a) Name the main source of heat and light energy in our environment.

b) State any two uses of electricity to people.

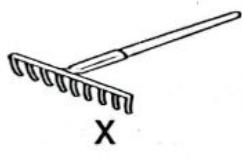
i) _____

ii) _____

c) Give any one way of harvesting rainwater in our homes.

54. The diagrams below show items used to keep our school compound clean.

Study and use them to answer the questions that follow.



a) State the importance of each of the items drawn above.

i) X; _____

ii) Y; _____

b) Give any two reasons why people should keep the school compound clean.

i) _____

ii) _____

55. Match these animals in list H to their weapons in list J.

H: Animals	J: Their weapons
snake	claw
bull	spur
rabbit	fangs
cock	horns

i) snake _____

ii) bull _____

iii) rabbit _____

iv) cock _____



THE SIPRO BEGINNING OF TERM I EXAMINATIONS 2024

SUBJECT : INTEGRATED SCIENCE
CLASS : PRIMARY SIX
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 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.
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SECTION A : 40 MARKS

Questions 1 to 40 carry one mark each.

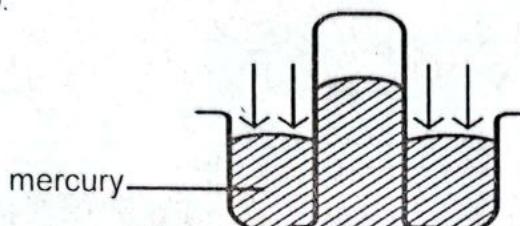
1. Name **one** gas found in the part of air that occupies 0.97%.

2. Which part of a stamen produces pollen grains in flowers?

3. How do bees behave in case of direct sunlight and smoke into a beehive?

4. Why does a bedbug produce a bad smell when touched?

The diagram below is of a weather instrument. Study and use it to answer questions 5 and 6.



5. Name the weather instrument shown in the diagram above.

6. State the use of the weather instrument shown in the diagram above.

7. How are the units for measuring weight different from those used for measuring volume?

8. Mention **one** characteristic that enables a female culex mosquito to spread elephantiasis.

9. How best can a P.6 child protect leftover food from contamination?

10. Name any **one** example of a fuel people get from plants.

11. How does tree planting improve rain formation in an area?

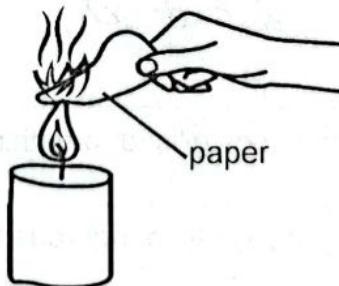
12. Give any **one** sign of food poisoning among school children.

13. Mention **one** disadvantage of the open range system of keeping poultry.



14. Give **one** way the tongue eases the digestion of food in the human body.
-
15. State any **one** reason why crop farmers prefer planting their crops in rows.
-
16. Apart from eating infested food, give **one** other way intestinal worms enter the human body.
-
17. A baby had stiff muscles and difficulty in swallowing. Which immunisable disease was the baby suffering from?
-
18. State the way lipids are similar to carbohydrates in the way they are useful to the human body.
-
19. How does rat poison control the spread of bubonic plague in a home?
-
20. Name **one** food crop which stores food in roots.
-
21. How are spiracles useful to a cockroach?
-
22. State **one** sanitary activity done in a school compound using a broom.
-

The diagram below shows an experiment carried out by a P.5 child. Study and use it to answer questions 23 and 24.



23. Name the type of change shown in the diagram above.
-
24. Give a reason to support your answer in 23 above.
-
25. How is the feeding in mushrooms similar to that in puffballs?
-



26. How is the use of kidneys different from that of the urinary bladder?

27. Name the hardest part of a permanent tooth.

28. State the reason why cassava should be sun dried before being stored in a granary.

29. State **one** way PIASCY messages control the spread of AIDS among youths.

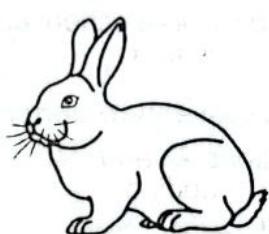
30. Mention **one** activity at home done using heat transfer by conduction.

31. Apart from preserving harvested crops, give **one** other use of the sun.

32. Name the process which takes place in clouds during rain formation.

33. Which biological change enables living things to multiply in number?

34. Apart from meat, give **one** other product obtained from the animal below.



35. Name **one** aquatic animal that uses gills for breathing.

36. How is the use of firewood and paraffin dangerous to our atmosphere?

37. Give **one** way of controlling accidents like cuts among school going children.

38. State **one** benefit of breastfeeding to a baby.

39. How is sugar useful in locally made ORS?



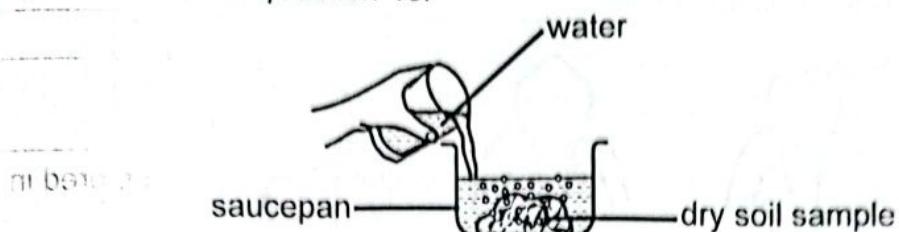
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P.6 INTEGRATED SCIENCE BEGINNING OF TERM I EXAMINATIONS 2024

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

3

The diagram below is of an experiment about soil composition. Study and use it to answer question 40.



40. What does the above experiment prove about soil?

SECTION B : 60 MARKS

Questions 41 to 55 carry four marks each.

41. (a) Name one example of a modern and traditional beehive:

(i) modern beehive _____

(ii) traditional beehive _____

(b) Give two advantages of modern beehives.

(i) _____

(ii) _____

42. (a) Mention any two plants whose stems are eaten as food.

(i) _____

(ii) _____

(b) Give any two uses of stems to a plant.

(i) _____

(ii) _____

43. (a) Name the internal human body organ used for;

(i) pumping blood: _____

(ii) breathing: _____

(b) Give two ways of promoting the proper working of the above human organs without using drugs.

(i) _____

(ii) _____

44. (a) Mention any two substances which are denser than water.

(i) _____

(ii) _____

(b) State one reason why a feather floats on water.

(c) Mention one characteristic of regular objects.

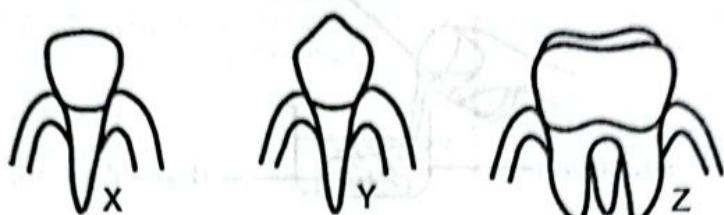


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IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TEACHER'S GUIDE & PUPIL'S COMPANIONS

45. The diagrams below show three types of teeth. Study and use them to answer the questions that follow.



(a) Name the types of teeth marked with letters X and Y.

(i) X _____

(ii) Y _____

(b) State **one** importance of the teeth marked Y and Z.

(i) Y _____

(ii) Z _____

46. (a) Name the type of energy possessed by the following;

(i) smoke: _____

(ii) a parked car: _____

(b) State **one** effect of heat loss and heat gain on matter.

(i) heat loss: _____

(ii) heat gain: _____

47. (a) State any **two uses of carbon dioxide to people.**

(i) _____

(ii) _____

(b) Mention any **two** properties of air used when inflating an empty balloon.

(i) _____

(ii) _____

48. (a) Give the meaning of the term soil profile.

(b) Which layer of the soil profile is commonly affected by soil erosion?

(c) Give any **two** ways of improving soil fertility without using chemicals.

(i) _____

(ii) _____

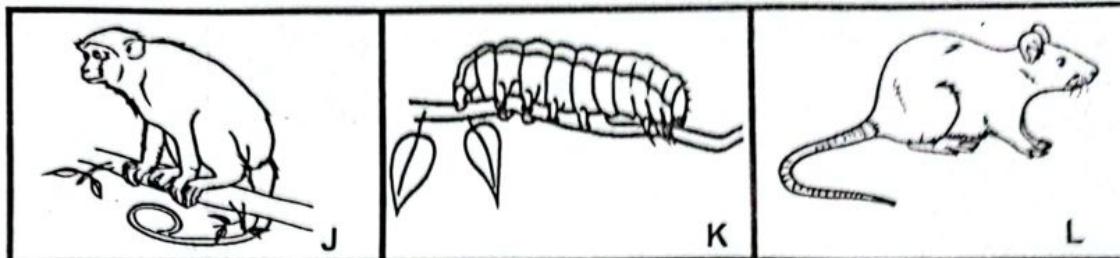


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P.6 INTEGRATED SCIENCE BEGINNING OF TERM I EXAMINATIONS 2024

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

49. The diagrams below are of three common crop pests. Study and use them to answer the questions that follow.



(a) Name the pests labelled with letters J and K.

(i) J _____

(ii) K _____

(b) Give one sign of damage in crops caused by the above organisms.

(c) Mention any one biological method of controlling crop pest marked with letter L in a home.

50. (a) State any two causes of burns among family members.

(i) _____

(ii) _____

(b) Mention one first aid given to a victim burnt by hot milk.

(c) Apart from burns, give one other accident caused by hot substances on the skin.

51. Match the food values below in list J to their importance in list K.

J: Food values	K: Their importance
Carbohydrates	- strengthens bones
Proteins	- keep the body healthy
Calcium	- build the body
Vitamins	- provide energy

(i) Carbohydrates: _____

(ii) Proteins : _____

(iii) Calcium : _____

(iv) Vitamins : _____



52. (a) Mention any two systems of keeping goats.

- (i) _____
(ii) _____

(b) Mention any one factor one should consider when selecting a breed of goats.

(c) State any one way a farmer can monitor the health of his goats easily.

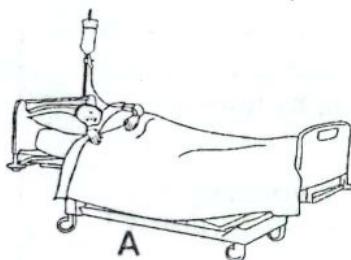
53. (a) Name the common disease controlled through PIASCY messages.

(b) Name the germ that causes the disease named in 53 (a) above.

(c) State any two PIASCY messages that help to control the disease mentioned in 53 (a) above.

- (i) _____
(ii) _____

54. The diagrams below are of two vulnerable groups of people. Study and use them to answer the questions that follow.



(a) Name the vulnerable group of people marked with letters A and B.

- (i) A: _____
(ii) B: _____

(b) Mention any two ways of caring for the above vulnerable group of people.

- (i) _____
(ii) _____

55. a) Name the disease spread by the following vectors;

(i) water snail _____

(ii) body lice _____

(b) Give one way water snails spread germs to human beings.

(c) Apart from spreading diseases, give one other danger of body lice to the human body.



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P.6 INTEGRATED SCIENCE BEGINNING OF TERM I EXAMINATIONS 2024

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7

THE SIPRO BEGINNING OF TERM I 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



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SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Name the state of matter through which sound travels slowest.

2. Why is the feeding in tapeworms considered to be parasitic?

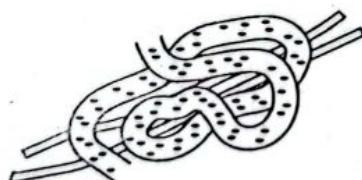
3. State the importance of the fertilisation process during reproduction.

4. Write any one way the over usage of firewood can be controlled in the environment.

5. How can a P.7 candidate promote immunisation in the family?

6. Give one way diarrhoeal diseases spread among people in the community.

The diagram below shows eggs of an amphibian. Study and use it to answer question 7.



7. Identify the amphibian that lays the eggs shown in the diagram above.
8. Give any one reason why poultry farmers spend a lot of money when rearing exotic breeds of poultry.
9. Mention any one danger of drought in the environment.



10. Which living resource is involved in the water cycle?

11. How is the enamel of an incisor tooth adapted to its function of cutting and biting food?

12. State the characteristic which is common in all invertebrates.

13. How is propagation in a cassava plant similar to that in a sugarcane plant?

14. Which kind of accident occurs to an individual when hot soup pours on their skin?

15. Write any one way of caring for a bathing sponge after use.

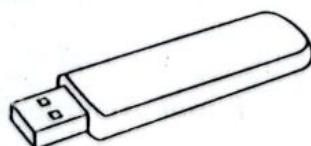
16. Why should a baby's diet mainly consist of foods rich in proteins?

17. State any one way of controlling the spread of diseases through the 4F's germ path.

18. Give one way petroleum can be conserved as a resource.

19. How does heavy rainfall lead to soil erosion in the environment?

The diagram below shows a sound storage device. Study and use it to answer questions 20 and 21.



20. Name the device drawn above.

21. Which method of storing sound requires the use of the device drawn above?



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

IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TIC'S GUIDES AND PUPILS COMPANIONS

22. Write the role of enzymes during the digestion process.

23. How do ticks lower the quality of hides on a cattle farm?

24. Which behaviour enables some trees to reduce the rate of transpiration during the dry season?

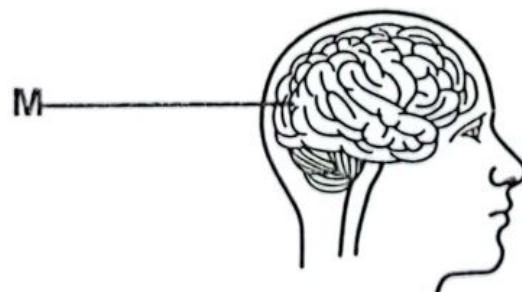
25. Name the part in a pregnant mother's body which prevents mixture of her blood with that of the foetus.

26. Apart from deworming, what else can a livestock farmer do to control endo parasites in cattle?

27. Which part on the human body plays a similar role as the lateral line on a fish?

28. Give any one effect of poor sanitation in a given area.

The diagram below is of a human body organ. Study and use it to answer question 29.



29. Mention any one way of caring for the body organ marked with letter M.

30. How is reproduction in most fungi different from that in yeast?

31. Give the major role played by leaves in the existence of plants

32. Why does blood from the lungs return to the heart?



33. In which way is a flat iron useful in the process of cleaning clothes?

34. What term refers to the amount of space occupied by an object?

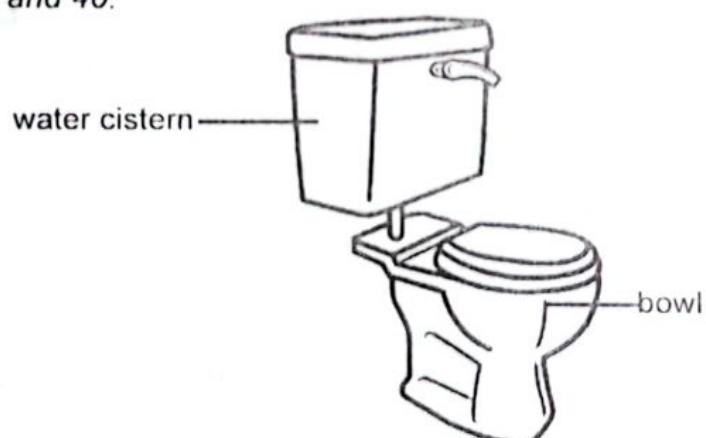
35. Name the part used by a mosquito to suck blood from a person's body

36. Name the resource in the environment used for generating Hydroelectricity.

37. State **one** way drowning and neardrowning can be controlled in a home.

38. Mention any **one** disease that is spread as a result of poor personal hygiene.

The diagram below is of a type of latrine. Study and use it to answer questions 39 and 40.



39. Identify the type of latrine drawn in the diagram above.

40. Why is it dangerous to use hard papers with such a latrine?



SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. a) Mention any two examples of diseases that spread through contaminated air droplets.

i) _____

ii) _____

- b) In which two ways can the spread of the above mentioned diseases be controlled?

i) _____

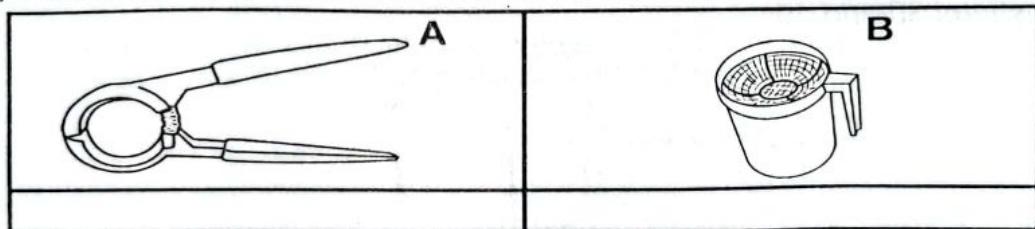
ii) _____

42. a) Write any two exotic breeds of sheep commonly kept in Uganda for wool production.

i) _____

ii) _____

- b) Name the equipment used on a livestock farm drawn below.



i) A _____

ii) B _____

43. a) Name the garden tools used to carry out the following crop growing practices:

i) cutting off excess leaves and branches _____

ii) transplanting seedlings _____

- b) Mention any two ways of keeping garden tools in a good working condition.

i) _____

ii) _____



44. a) Mention any two conditions that may lead to fainting.

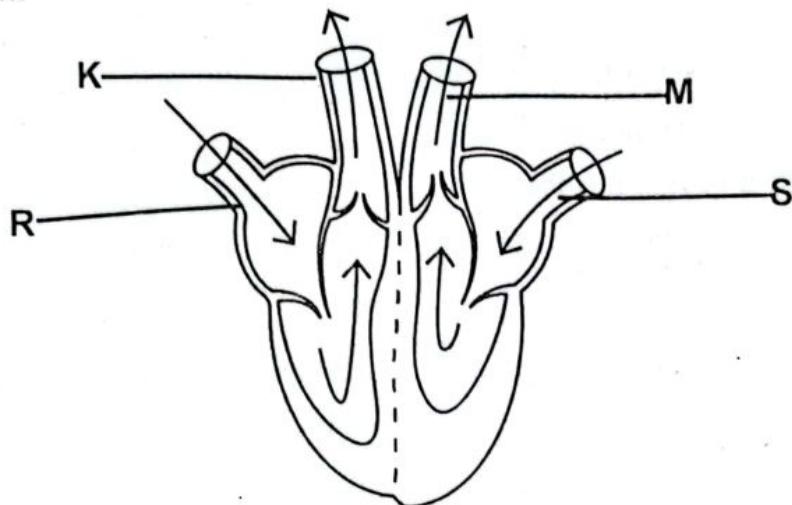
i) _____

ii) _____

b) Why should the legs of a fainted victim be raised higher than the head?

c) Give one way fainting can be controlled among school children.

45. The diagram below is of a human heart. Study and use it to answer the questions that follow.



a) Name the parts labelled with letters M and K.

i) M _____

ii) K _____

b) What do the arrows in the diagram represent?

c) How is blood carried in blood vessel marked with letter R different from that in blood vessel marked with letter S?



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

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

46.a) Name the type of germ that is spread by the female anopheles mosquito.

b) How do the following activities help in the control of diseases spread by mosquitoes?

i) draining stagnant water _____

ii) clearing bushes around home _____

c) Give the best way of controlling mosquito bites at home during the night.

47.a) What term refers to the introduction of vaccines into the body?

b) How do vaccines boost the body immunity against infections?

c) Which vaccines are given to babies at the following stages of growth?

i) thirty-six weeks _____

ii) two and half months _____

48. a) Write any two examples of insects that are useful to people.

i) _____

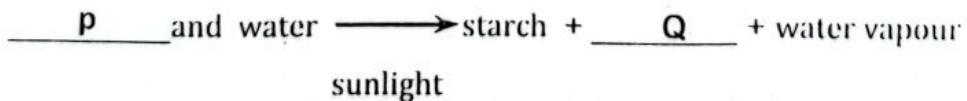
ii) _____

b) In which two ways are insects useful to people?

i) _____

ii) _____

49. The process shown below takes place in plants. Study and use it to answer the questions that follow. chlorophyll



a) Name the plant process shown above.

b) Which components of air are represented by letters P and Q?

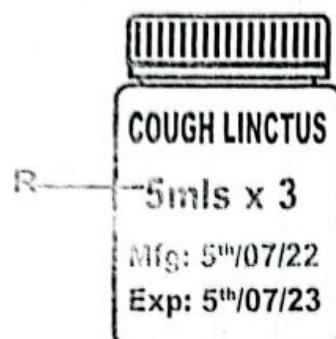
i) P _____

ii) Q _____

c) How is sunlight useful in the process shown above?



50. The diagram below shows drugs. Study and use it to answer the questions that follow.



- a) To which type of drugs does the one drawn above belong?
- b) Give any one quality of the type of drug mentioned in (a) above.
- c) What general name is given to the information labelled with letter R?
- d) Why is it dangerous for an individual to take such a drug when he/she has cough?
1. a) Name the habitat for each of these animals:
- i) a weaver bird _____
 - ii) a cow _____
- b) In which two ways is a shelter useful to animals?
- i) _____
 - ii) _____
2. a) To which group of tuber crops does each of the following crops belong?
- (i) carrots _____
 - (ii) Irish potatoes _____
- b) Name one example of a tuber crop pest.
- c) How does crop rotation help in the control of tuber crop pests?



53. a) Where does respiration take place in the human body?

b) Name the two raw materials used in respiration.

i) _____

ii) _____

c) State the main product of respiration.

54. a) Name any two types of bees found in a beehive.

i) _____

ii) _____

b) Give the role of queen bee in a beehive.

c) Name the product from bees used to make shoe polish.

55. The diagram below shows a method of preserving fish. Study and use it to answer the questions that follow.



a) Name the method of food preservation drawn above.

b) How does the method drawn above help in the process of fish preservation?

c) Apart from fish, name one other foodstuff preserved by the method drawn above.

d) Name any other method of food preservation apart from the one drawn above.

