



THE SPECTRUM EXAMINATIONS HUB
PRE END OF TERM THREE, 2024
ASSESSMENT: SCIENCE
CLASS: PRIMARY SIX
DURATION: 2HRS AND 30 MINUTES

Pupil's name:

School name:

District name:

Read the following instructions carefully:

- 1. This paper has two sections: A and B.**
- 2. Section A has 50 questions (50 marks)**
- 3. Section B has 5 questions (50 marks)**
- 4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.**
- 5. All working must be done using a blue or blackball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.**
- 6. No calculators are allowed in the examination.**
- 7. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.**
- 8. Do not fill anything in the table indicated; "For examiners' use only" and the boxes inside the question paper.**

FOR EXAMINER'S USE

QN. NO.	MARKS	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A. (40 Marks)

1. Apart from a donkey, name any other domestic animal used for transport.

2. Name any **one** crop that bears grains.

3. Give any **one** disadvantage of moving air in the environment.

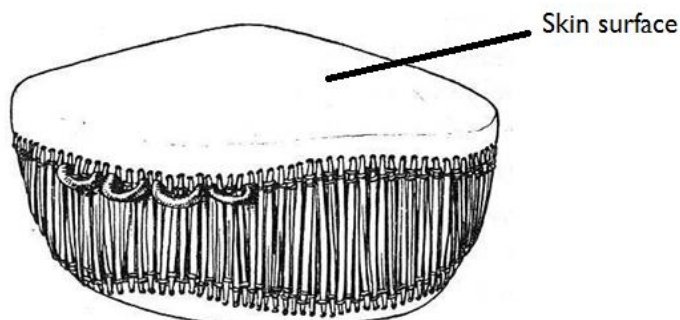
4. How can you help a bee farmer to prevent swarming of his bees?

5. In which way is the movement of earthworms in the soil useful to the soil?

6. Mention any **one** livestock practice carried out on modern farms.

7. How do wetlands encourage the spread of malaria in an area?

The diagram below shows a musical instrument. Use it to answer question 8 and 9.



8. When does the musical instrument drawn above produce sound?

9. How does the sound produced in the above instrument reach listeners?

10. Mention any **one** insect that protects itself by stinging.

11. Apart from rusting, name any other example of a chemical change.

12. Give any **one** characteristic of exotic breeds of pigs.

13. Why is it important for all school children to learn swimming skills?

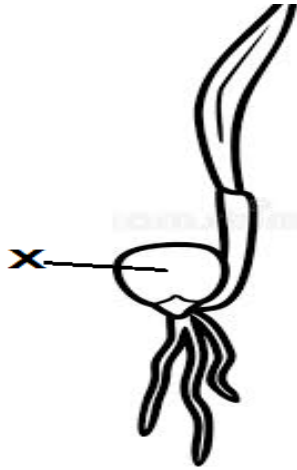
14. Why do some people keep dogs in their homes?

15. How is the heart useful in the circulatory system?

16. Apart from the elderly, mention any other group of vulnerable people.

17. What correct advice can you give to a person whose home has many houseflies?

The diagram below shows a germinating seed. Use it to answer questions **18** and **19**.



18. Which type of germination is shown in the diagram above?

19. Name the seed marked **X**.

20. In which way is the reproduction of an amoeba similar to that of bacteria?

21. Name any **one** method of food preservation in which heat energy is used.

22. Identify any **one** example of reptiles.

22. Why would you discourage bottle-feeding for a baby?

23. Which stage in the life cycle of a cockroach does not move?

24. Mention **one** form of energy produced by a burning candle.

25. Besides being used for food, give any other use of fruits to people.

26. Write any **one** activity that can lead to air pollution in our environment.

27. How can you prevent metallic objects from rusting?

28. Give any **one** disadvantage of practicing free-range system of poultry near a forest.

29. Why should children be immunized?

30. How do farmers improve on the health of their rabbits?

31. Give the importance of the equipment below in a school.



32. Name the vector that spreads malaria.

33. Why should prepared food be covered?

34. Give the accident that people get through carelessly using sharp piercing objects.

35. Give any **one** use of yeast to people at home.

36. Mention any **one** way through which farmers conserve soil.

37. Name the human body organ that filters blood.

38. How can you separate a mixture of rice from its husks?

39. Why is distilled water not recommended for drinking?

SECTION B. (60 Marks)

40. (a) Name any **two** diseases that can be spread through poor disposal of faeces.

(i) _____

(ii) _____

(b) Identify any **two** activities you can do to reduce the disease named in (a) above.

(i) _____

(ii) _____

41. (a) Give any **two** uses of roots to a plant.

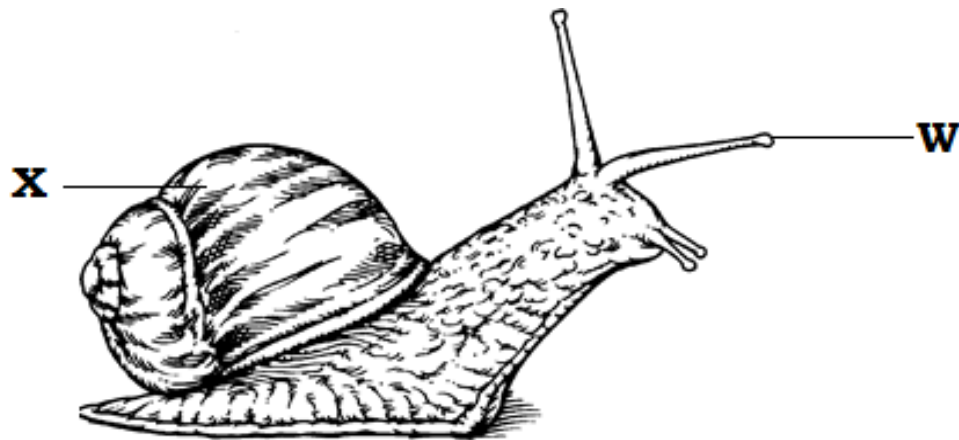
(i) _____

(ii) _____

(b) Write any **one** use of a stem to a plant.

(c) How do plants reduce transpiration?

42. **The diagram below shows a snail. Use it to answer questions that follow.**



(a) Name parts labeled **X** and **W**.

(i) **X** _____ (ii) **W** _____

(b) How is part **X** important to the snail?

(c) Mention the disease transmitted by the above organism.

43. (a) Which group of plants have root nodules?

(b) Give any **two** examples of such plants named in (a) above.

(i) _____ (ii) _____

(c) How do the above plants improve soil quality?

44. (a) What is photosynthesis?

(b) Give any **two** conditions for photosynthesis to take place.

(i) _____

(ii) _____

(c) What is the function of chlorophyll during photosynthesis?

45. (a) How are bees helpful to a crop farmer?

(b) Name the bee in a hive that is responsible for fertilizing the eggs.

(c) Which food value do we get from eating honey?

(d) Write any one product made from bee-wax.

46. Study the list of items below and answer questions that follow.

goat , rock, water , petroleum , donkey

(a) Identify any **one** non-renewable resource from the above list.

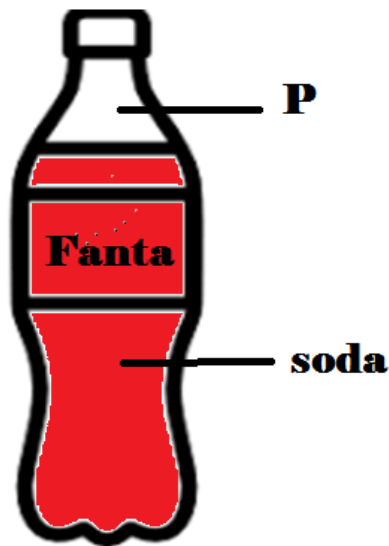
(b) By what process can a goat be replaced once used up?

(c) Give any **two** uses of water as a resource to people.

(i) _____

(ii) _____

47. The diagram below is of a soda bottle. Use it to answer the questions that follow.



(a) Name the gas found in the space marked **P**.

(b) What is the use of the above named gas to the soda?

(c) Name the main food value one gets after taking soda.

(d) What percentage of the atmosphere does the gas found in **K** occupy?

48. (a) How do the following animals protect themselves against their enemies?

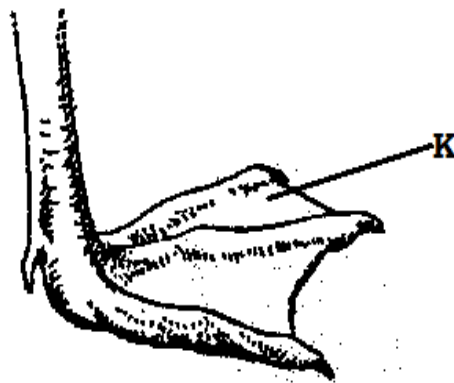
(i) wasp _____

(ii) cow _____

(iii) snail _____

(b) Why is a cat grouped under warm blooded animals?

50. **The diagram below shows a foot of a bird. Use it to answer the questions that follow.**



(a) Under what group of birds are birds with such a foot?

(b) Name part marked **K** of the foot in the diagram above.

(c) How is part **K** useful to birds with such a foot?

(d) Give one example of a bird with such a foot.

51. (a) Write ORS in full.

(b) Name any **one** solute used in the making of ORS.

(c) Why is a dehydrated person given ORS?

(d) How can you prevent ORS from getting contaminated when preparing this solution?

52. (a) What is a crop pest?

(b) Identify any **two** pests that attack crops.

(i) _____ (ii) _____

(c) How can farmers control pests in their gardens?

53. (a) State the major function of blood vessels in the human body.

(b) Mention any **two** materials carried by blood as it moves to different body parts.

(i) _____

(ii) _____

(c) What is the major function of the heart in the human body?

54. Match the following parts used in propagation in *R* to their respective plants in *P* correctly.

R	P
Stems	sisal
Bulbs	cassava
Suckers	beans
Seeds	onions.

- | R | P |
|-------------|----------|
| (a) Stems | _____ |
| (b) Bulbs | _____ |
| (c) Suckers | _____ |
| (d) Seeds | _____ |

55.(a) Mention any one part that makes up the outer ear.

(b) What name is given to the three small bones found in the middle ear?

(c) Besides hearing, give one other function of the human ear.

(d) Give the reason why sound messages are transmitted to the brain.

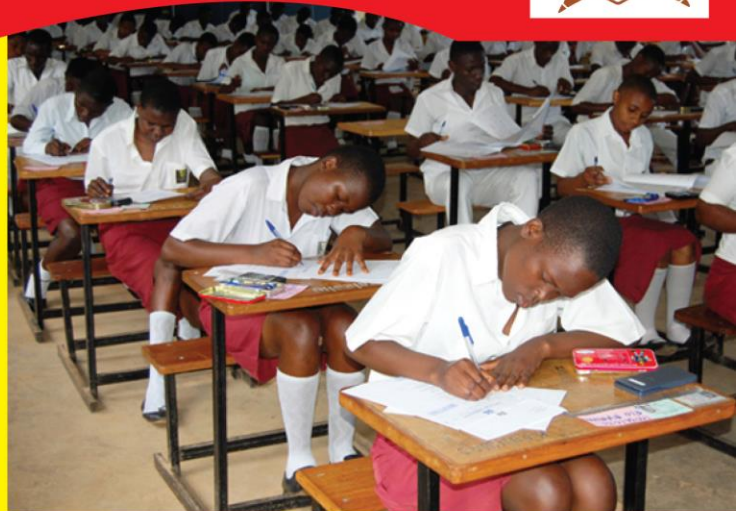
END.

THE SPECTRUM EXAMINATIONS HUB



WE HAVE EXAMS FROM NURSERY - P.7

WE SEND EXAMS TO ANY PART OF UGANDA



OUR PRODUCTS

- Beginning of term exams
- Mid term exams
- End of term exams
- Holiday packages
- Pre-mock exams
- Mock
- Special mock
- P.7 Pre PLE series

PRICE LIST

Category: 1(white paper)

Nursery	1000/=
P.1 - P3	1500/=
P.4 - P6	2000/=
P.7	5000/=

Category: 2 (Brown paper / news)

Nursery	700/=
P.1 - P3	900/=
P.4 - P6	1200/=
P.7	1500/=

"You have done the rest, try the best"

Contacts: 0775680201 / 0704287274

We transact online and send hard copies by public means to your destination.

NO SOFT COPIES

PLACE YOUR ORDER FOR END OF YEAR EXAMS TODAY FOR BETTER DELIVERY ARRANGEMENTS