



THE SPECTRUM EXAMINATIONS HUB

Beginning of term two - 2025

P.5 Integrated Science

Time Allowed: 2 hours 15 minutes

NAME: _____ STREAM _____

SCHOOL _____

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. Answer all questions. All the work for both sections A and B must be shown in the spaces provided.
5. All work 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. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated; "For examiners' use only" and the boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn No.	MARK	EXR'
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

Turn over.

SECTION A: 40 MARKS

1- Why are honey bees called social insects?

2- How are the teeth in human beings similar to the gizzard in birds?

3- Why does a stone sink in water?

4- Why is immunization free of charge in Uganda?

5- Give one importance of water during photosynthesis.

6- Name the component of air that supports the life of patients in hospitals.

7- How can farmers increase the number of eggs in the layers?

8- Give any one danger of poor sanitation in the environment.

9- In which part of a flower does fertilization take place?

10- How can tape worm infestation be controlled?

The diagram below shows a child suffering from a certain disease.



11- Name the immunisable disease from which that child is suffering.

12- How is the above named disease spread from one person to another?

13- State one way you can care for your teeth.

14-How are flowers useful to plants?

15-Name the body organ that is protected by the skull.

16-Name the cloud which is a clear sign of rainfall.

17-Of what use is a fire extinguisher in a school?

18-Name the immunizable disease spread by a cockroach.

19-State the importance of chlorophyll to plants.

20-Identify any one artificial source of energy in our environment.

Use the diagram below to answer questions 21 and 22



21-Identify the box shown above.

22-Which group of people use the box shown above?

23-Mention any one kit found in the above box?

24-Write down one example of exotic breeds of chicken.

25-What force makes objects to weigh less in water?

26-State one way a P.5 pupil can care for an AIDS patient.

27-Name any one accident that can happen from the school playground.

28-Write down one man-made change in the environment.

29-Identify any one foodstuff rich in vitamin C.

30-State the use of a dust bin at home.

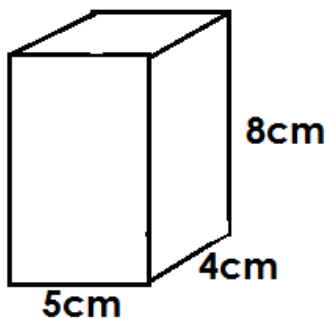
31-Why do poultry farmers debeak their birds?

32-Name the plant structure that takes in water and other nutrients.

33-Why are houseflies grouped under insects?

34-State any one danger of poor feeding among children.

35- Find the volume of the box shown below.



36-Name the storage facility commonly used to store harvested cereals in rural areas.

37-Write one danger of weeds in the school garden.

38-How do most plants control transpiration?

39-What scientific name is given to the house of domestic animals that provide security to us?

40-Why do people wash fruits before eating them?

SECTION B: 60 MARKS

41-(a) What do you understand by swarming as used in bee keeping?

(b) Give one reason for swarming in bees.

(c) Name the special food fed on by the queen bee in the hive.

(d) State the role of the drone bee in the hive.

42-(a) What is crop rotation?

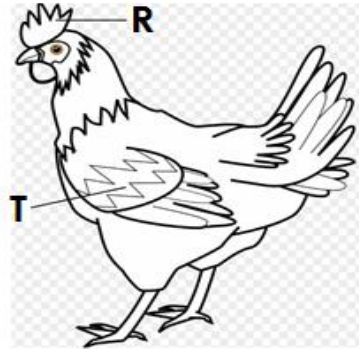
(b) Give two reasons why farmers carry out crop rotation.

(i) _____

(ii) _____

(c) How does crop rotation control pests?

43- The diagram below is of a domestic bird, use it to answer the questions that follow.



(a) Name the parts labelled **R** and **T**

R _____ **T** _____

(b) State the importance of part marked **T** to the bird.

(c) Mention the reason why the above bird has feathers all over its body.

44-(a) What is air?

(b) Name any two components of air.

(i) _____ (ii) _____

(c) Which component of air supports burning?

45- (a) Name any one process in plants that helps in rain formation.

(b) Give the use of the sun during rain formation.

(c) Give two reason why too much rainfall is dangerous to people.

(i) _____

(ii) _____

46-(a) What is meant by food path?

(b) Identify any two blocks in the food path.

(i) _____ (ii) _____

(c) How can farmers overcome blocks in the food path?

47-(a) How is a shadow formed?

(b) Of what importance are shadows to people in the community?

(c) At what time of the day are shadows longest?

(d) Draw the shadow of the object below.



48-(a) What are vectors?

(b) Identify any one animal vector in the environment.

(c) Mention two ways people can control vectors in their homes.

(i) _____

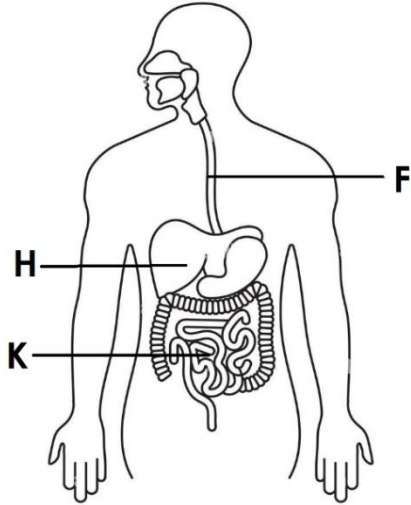
(ii) _____

49- (a) Define the term annual crops as used in crop growing.

(b) Write down two examples of annual crops.

(i) _____ (ii) _____

50- Study the diagram below and answer the questions that follow.



a) Name the parts marked **F** and **K**.

F _____

K _____

b) Mention any one disorder of the system shown in the diagram.

c) Give any one substance absorbed in part marked **K** on the diagram.

51-(a) Write two common diseases at home.

(i) _____ (ii) _____

(b) State two ways of preventing the spread of diseases in the environment.

(i) _____

(ii) _____

52-(a) What are pests?

(b) Mention two examples of pests.

(i) _____ (ii) _____

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

53-(a) What is seed germination?

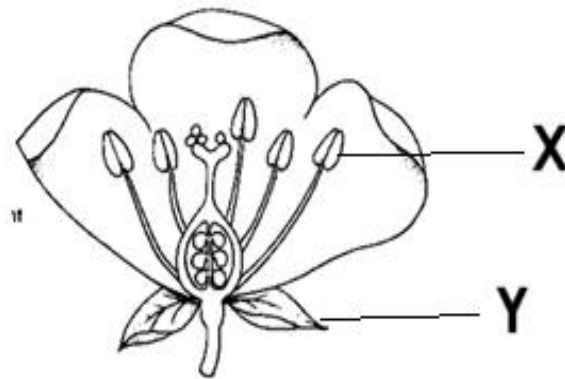
(b) Write down two conditions necessary for a seed to germinate.

(i) _____

(ii) _____

(c) Mention one condition which makes a seed fail to germinate.

54- The diagram below shows parts of a flower.



(a) Name the parts marked **X** and **Y**.

X _____ **Y** _____

(b) State one importance of flowers to plants.

(c) Give the function of part **Y** to the flower.

55- (a) Give two types of rabbit hutches.

(i) _____ (ii) _____

(b) Write down two reasons why farmers keep rabbits.

(i) _____

(ii) _____

END