



# VICTORY STEP EDUCATION SERVICES

## BEGINNING OF TERM TWO EXAMS

### PRIMARY FOUR

2023

### INTEGRATED SCIENCE

*Time Allowed: 2 hours 15 minutes*

Random No:						Personal No:		

**Candidate's Name:** .....

**Candidate's signature:** .....

**District ID No:**

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**School Name:** .....

**Read the following instructions carefully :**

1. Do not forget to write your **school** or **district** on the paper
2. This paper has two sections: **A** and **B**.  
Section **A** has **40** questions and section **B** has **15** questions.
3. Answer **all** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a **blue** Or **black** ball point pen or ink. Any work Written in pencil will not be marked.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
6. Do not fill anything in the table indicated **"FOR EXAMINER'S USE ONLY"**

FOR EXAMINER'S USE ONLY		
QN. NO.	MARKS	EXR'S NO.
1 -10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
<b>TOTAL</b>		

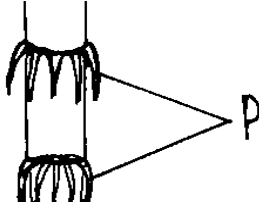
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TURN OVER

## SECTION A (40 MARKS)

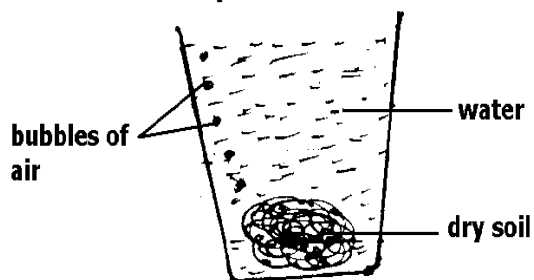
1. Name any one type of soil.  
\_\_\_\_\_
2. How useful is soap in promoting personal hygiene?  
\_\_\_\_\_
3. Write down any one insect without wings.  
\_\_\_\_\_
4. Name the gas responsible for putting out fire.  
\_\_\_\_\_

Below is a diagram showing parts of a plant. Use it to answer the questions 5 and 6.



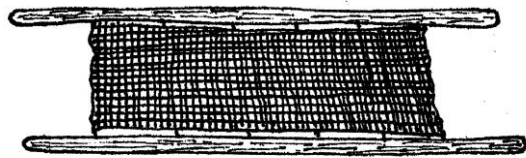
5. Name the roots marked P.  
\_\_\_\_\_
6. State the main function of the roots mentioned in (5) above.  
\_\_\_\_\_
7. Why is it necessary for a school to have a first aid box?  
\_\_\_\_\_
8. Give one animal that lives in swamp.  
\_\_\_\_\_
9. Name one disease that is spread through air.  
\_\_\_\_\_
10. Why do some flowers produce a good scent?  
\_\_\_\_\_
11. What is a germ?  
\_\_\_\_\_
12. Mention any one way of preventing accidents at home.  
\_\_\_\_\_
13. Write down one condition necessary for seed germination.  
\_\_\_\_\_
14. Write one way of making water from well safe for drinking.  
\_\_\_\_\_

The diagram below is of component of soil. Use it to answer questions 15 and 16.



15. Identify the component of soil illustrated above.
- 
16. Apart from the above component, give any other component of soil.
- 
17. In which part of an Irish potato is food stored?
- 
18. State a reason why metals are kept in cool dry places.
- 
19. Mention any one man-made change in the environment.
- 
20. What do we call the small holes through which plants breathe?
- 
21. Give any one role of a mother at home.
- 
22. Name the process in plants similar to sweating in man.
- 
23. In which way is a housefly dangerous to people?
- 
24. Identify any one social insect.
- 
25. Write one method used to harvest ready crops.
- 
26. Name one item used for peeling matooke at home.
- 
27. Write down one plant which multiplies by means of suckers.
- 
28. Why is it dangerous to eat food with dirty hands?
- 
29. Name the furthest clouds in the sky.
- 
30. How are plants able to reduce the rate of transpiration on hot days?
- 

**Below is a diagram showing a tool used in giving first aid. Use it to answer the questions that follow.**



31. Mention the first aid tool drawn above.
- 
32. State the use of the tool named above.
-

33. Mention any one weather condition.
34. How is a latrine important on a clean home?
35. Why is a bean seed regarded as a dicotyledon?
36. How are monkeys dangerous to crop farmers?

The diagram below is of a burning candle. Use it to answer questions 37 and 38.



37. Name the part of air enabling the above candle to burn.
38. State what happened if the burning candle was covered with a jar.
39. Write one game played with wind.

Below is a table showing a crop growing practice.

cassava	Beans
maize	Cassava

40. Name the crop growing practice shown above.

### **SECTION B (60 MARKS)**

41. a) What is sanitation?
- b) Mention down any one way you can keep the place where you live clean.
- c) How is a dustbin useful in promoting sanitation?
- d) State the use of the item below in promoting good sanitation.



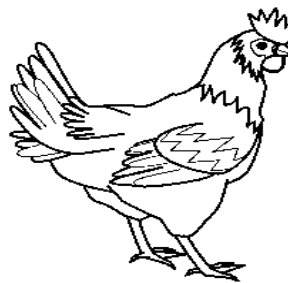
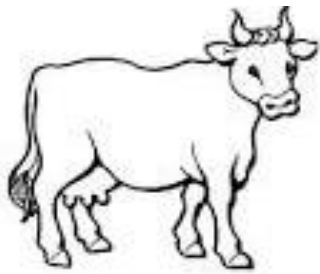
42. a) State any one use of a hoe to a crop farmer.

- b) Apart from a hoe, mention any other two garden tools used by crop farmers.  
i) \_\_\_\_\_ ii) \_\_\_\_\_  
c) Identify any one way a farmer can care for the above garden tools.

43. a) What is photosynthesis?  
b) Write down any two requirements needed by plants to carryout photosynthesis.  
i) \_\_\_\_\_ ii) \_\_\_\_\_  
c) How is chlorophyll useful to plants during photosynthesis?

44. a) What term is given to mean moving air?  
b) Give any two ways moving air can be dangerous in the environment.  
i) \_\_\_\_\_  
ii) \_\_\_\_\_  
c) Apart from air exerts pressure, mention any other property of air.

45. **The diagram below shows domestic animals. Use them to answer questions that follow.**



- a) Name any one product we get from anima A and B.  
i) A \_\_\_\_\_ ii) B \_\_\_\_\_  
b) Mention any two ways of caring for the above animals.

- i) \_\_\_\_\_  
ii) \_\_\_\_\_

46. a) What is personal hygiene?

- b) Write down one way of promoting personal hygiene.

- c) How are the following tools useful in promoting personal hygiene?

- i) tooth brush \_\_\_\_\_

- ii) comb \_\_\_\_\_

47. a) Write ORS in full.

- b) State any two materials used for preparing ORS locally.

- i) \_\_\_\_\_ ii) \_\_\_\_\_

c) Name the condition treated using ORS.

48. a) Name any two type of germs you know.

i) \_\_\_\_\_ ii) \_\_\_\_\_

b) State any two ways germs can enter the body.

i) \_\_\_\_\_

ii) \_\_\_\_\_

49. a) What are living things?

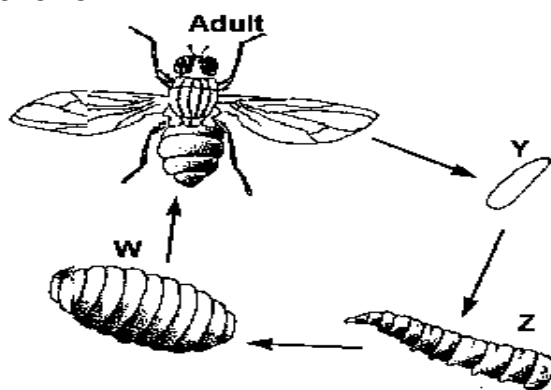
b) Mention down any two characteristics of living things.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) How are non-living things important in our environment?

50. The diagram below shows the life cycle of a housefly. Study it carefully and answer questions that follow.



a) Name the stages marked W and Y.

i) W \_\_\_\_\_

ii) Y \_\_\_\_\_

b) Why is a housefly called a vector?

c) Mention any one disease whose germs are spread by a housefly.

51. a) Give any one accident common at home.

b) Why do we give first aid to casualties?

c) Mention any two items found in the first aid box.

i) \_\_\_\_\_

ii) \_\_\_\_\_

52. Name the local materials from which each of the following is made.

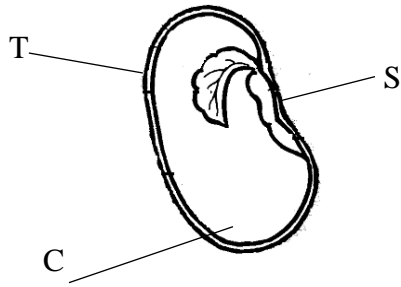
a) plate \_\_\_\_\_

b) bricks \_\_\_\_\_

c) glass \_\_\_\_\_

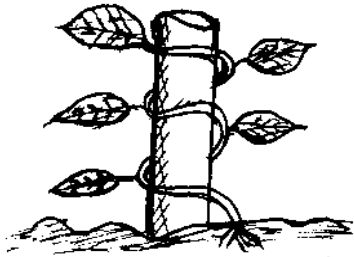
d) balls \_\_\_\_\_

53. The diagram below shows a bean seed. Use it to answer questions that follow.



- a) Name the parts marked T and C.  
i) T \_\_\_\_\_ ii) C \_\_\_\_\_  
b) What plant system does the part marked S develop during germination?  
\_\_\_\_\_  
c) State any one condition necessary for the above seed to germinate.  
\_\_\_\_\_
54. a) What do we call a meal that contains all food values in the right amount?  
\_\_\_\_\_  
b) Mention any two classes of food you know.  
i) \_\_\_\_\_ ii) \_\_\_\_\_  
c) Which food value is eaten to prevent Kwashiorkor.  
\_\_\_\_\_

55. The diagram below shows a climbing plant. Use it to answer questions that follow.



- a) Name the method of climbing the above plant use.  
\_\_\_\_\_  
a) Mention two reasons why plants climb others.  
i) \_\_\_\_\_  
ii) \_\_\_\_\_  
c) Write down any one plant that climbs other for extra support.  
\_\_\_\_\_  
\_\_\_\_\_