

# VICTORY STEP EDUCATION SERVICES

## END OF TERM I ASSESSMENT 2022

### PRIMARY SEVEN

### INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Name: \_\_\_\_\_

School: \_\_\_\_\_

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 space provided.
5. All answers must be written in blue ball point's pens or ink. Only diagrams 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.

<b>Section A (40Marks)</b>	
<b>Section B (60Marks)</b>	
<b>Total out of 100</b>	

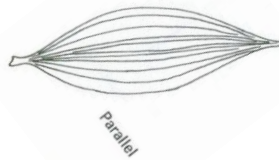
**Teacher's Comment to the learner:**

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## SECTION A

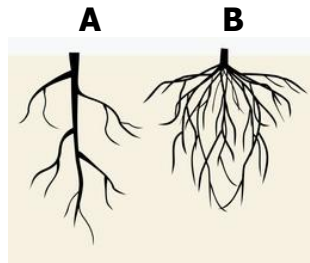
1. Name **any one** example of a root tuber.  
\_\_\_\_\_
2. Which diseases can one suffer from due to lack of water for cleaning eyes?  
\_\_\_\_\_
3. Give **one** reason why small stones are added to poultry feeds.  
\_\_\_\_\_

**The diagram below shows a type of leaf venation. Use it to answer the question that follows.**



4. Identify **any one** plant with the above leaf venation.  
\_\_\_\_\_
5. Why is it important to iron clothes after washing them?  
\_\_\_\_\_
6. Give **one** use of an arm sling in giving first aid for fractures.  
\_\_\_\_\_
7. Apart from ferns, which other plant produces by means of spores?  
\_\_\_\_\_
8. Name any **one** mammal that can live both on land and in water.  
\_\_\_\_\_
9. What is pollution?  
\_\_\_\_\_
10. Give **one** way of controlling soil erosion on a flat land.  
\_\_\_\_\_
11. Apart from milk name one other protein food got from cattle.  
\_\_\_\_\_
12. Why should a husband and wife go for HIV testing together?  
\_\_\_\_\_
13. Name the practice in poultry that enables birds to exercise their body in a deep litter house.  
\_\_\_\_\_
14. Which food nutrient is responsible for strong bones and teeth?  
\_\_\_\_\_
15. How do moles benefit from loam soil?  
\_\_\_\_\_

**The diagrams below are types of root systems. Use them to answer the questions that follow.**



16. Give **one** difference between the root system marked A and B in the diagrams above.

17. Mention **one** example of plants with the root system shown in diagram A.

18. Give **one** use of carbohydrates in the human body.

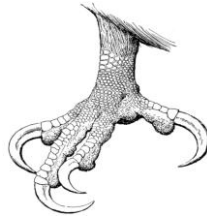
19. How do trees contribute to the water cycle?

20. Give **one** use of gloves to a person harvesting honey.

21. Why do human beings use blankets to cover their bodies during cold nights?

22. Give **any one** danger of improper disposal of human excreta.

**The diagram below shows a foot of a bird. Use it to answer the question that follows.**



23. Name the group of birds where the bird with a foot shown in the diagram above belongs.

24. How is the adult stage of a housefly dangerous to human beings?

25. Give **one** advantage of using charcoal-saving stoves for cooking to the environment.

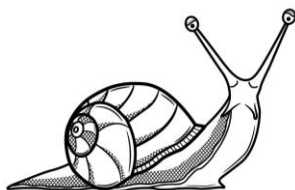
26. State the role of the Oviduct in a female reproductive system.

27. In which **one** way does a child get natural immunity?

28. How is a burn different from a scald?

29. Which component of air occupies the largest percentage?

**The diagram below is of an invertebrate. Use it to answer the question that follows.**



30. To which group of invertebrate does the one shown in the diagram above belong?

31. Which type of clouds is a clear sign of rain?

32. How does smoke move through the chimney of the kitchen?

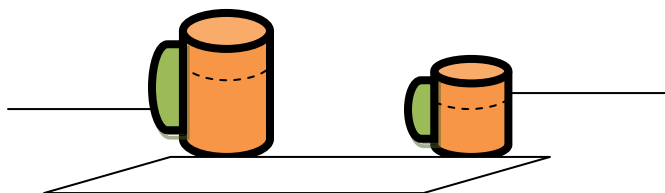
33. What role does a cotyledon play on a germinating bean seed?

34. State the living organism which causes malaria in human beings.

35. Why does digestion of starch take place in the mouth?

36. Give **one** benefit of having a strip cup in cattle management.

**The diagram below shows two cups made up of different materials. Use them to answer the question that follows.**



37. Which of the **two** cups had hot milk after 20 minutes?

38. Give **one** danger of burning polythene bags in the environment.

39. How does mulching help to maintain soil fertility?

40. What happens to the lungs when we breathe in?

### SECTION B

41(a) Give **any two** examples of chemical changes.

i \_\_\_\_\_

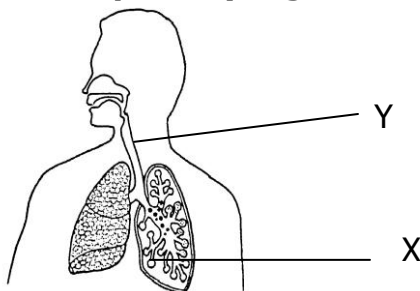
ii \_\_\_\_\_

(b) Write down **any two** characteristics of physical changes.

i \_\_\_\_\_

ii \_\_\_\_\_

**The diagram below is of a respiratory organ. Use it to answer the questions follow.**



42.(a) Name the parts marked by letter;

X \_\_\_\_\_

Y \_\_\_\_\_

(b) Which process takes place in the part marked x?

\_\_\_\_\_

(c) What helps part marked Y to keep open all the time?

\_\_\_\_\_

43(a) Apart from wind, give two other agents of pollination in flowering plants.

i \_\_\_\_\_

ii \_\_\_\_\_

(b) Which part of a flowering plant mainly does the following?

(i) Manufactures food?

\_\_\_\_\_

(ii) Absorb water and mineral salts?

\_\_\_\_\_

44(a) Give **any two** benefits of keeping cattle to the farmers.

i \_\_\_\_\_

ii \_\_\_\_\_

(b) Give **any one** importance of the following management practices in cattle keeping.

(i) Castration.

(ii) Ear tagging

45. The table below shows a group of animal in A and the group they belong.

A	B
Lizard	Mammals
Newts	Birds
Rabbits	Reptiles
Penguin	Amphibians

(a) Write against each animal below, its group from B

(i) Lizard \_\_\_\_\_

(ii) Newts \_\_\_\_\_

(iii) Rabbit \_\_\_\_\_

(iv) Penguin \_\_\_\_\_

46(a) Why is it dangerous to buy drugs from unlicensed drug shops?

(b) Name **one** danger of using expired drugs.

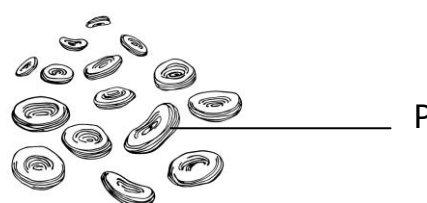
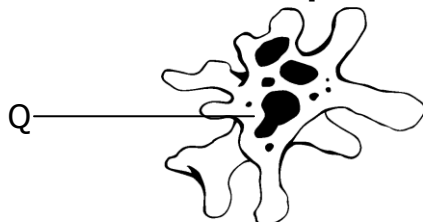
(c) How is the use of factory made drugs an advantage over local drugs?

(d) Name **one** drug of abuse.

47. The table below shows immunizable diseases, vaccine administered and the age at which immunization takes place. Complete it correctly.

DISEASES	VACCINE	AGE
Measles	(i) _____	9 months
(ii) _____	BCG	At birth
Polio	Polio vaccine	(iii) _____
Hepatitis B	(iv) _____	6 weeks

48.(a) Name the blood components drawn below.



P. \_\_\_\_\_

Q. \_\_\_\_\_

(b) What is the function of the blood components marked with letter Q?

\_\_\_\_\_

(c) Name **any one** waste material transported by blood.

I \_\_\_\_\_

49(a) Apart from filtration, give two other methods of separating impurities from water.

i \_\_\_\_\_

ii \_\_\_\_\_

(b) Name **two** activities done in the process of cleaning clothes.

i \_\_\_\_\_

ii \_\_\_\_\_

50(a) Give **one** reason why the government of Uganda gives people mosquito nets free of charge.

\_\_\_\_\_

(b) Name **any two** diseases controlled by proper use of mosquito nets in a home.

i \_\_\_\_\_

ii \_\_\_\_\_

(c) Which stage of a mosquito is affected by draining stagnant water?

\_\_\_\_\_

51(a) Give **one** reason why a piece of paper floats on water.

\_\_\_\_\_

(b) Apart from a piece of paper, give one other object that floats on water.

\_\_\_\_\_

(c) A stone with 2g/cc was totally immersed in a measuring cylinder full of water and the water level rose from 30cc to 50cc.

(i) Find the volume of the stone

\_\_\_\_\_

(ii) Calculate the mass of a stone.

\_\_\_\_\_

52(a) State **any two** reasons why bees swarm?

\_\_\_\_\_

- i \_\_\_\_\_  
ii \_\_\_\_\_
- (b) Give **any two** ways a bee keeper can care for bees in an apiary  
i \_\_\_\_\_  
ii \_\_\_\_\_
- 53(a) What is dehydration?  
\_\_\_\_\_  
\_\_\_\_\_
- (b) Mention **two** causes of dehydration?  
i \_\_\_\_\_  
ii \_\_\_\_\_
- (c) Identity **any one** solute used to make ORS.  
\_\_\_\_\_
- 54(a) In **one** sentence give the meaning of the following terms.
- Adolescence \_\_\_\_\_  
\_\_\_\_\_
- Fertilization \_\_\_\_\_  
\_\_\_\_\_
- (b) Apart from producing sperms, give one other function of testes in a male reproductive system.  
\_\_\_\_\_  
\_\_\_\_\_
55. Give the cause of each of the following diseases;
- a) AIDS \_\_\_\_\_  
b) Syphilis \_\_\_\_\_  
c) Trachoma \_\_\_\_\_  
d) Amoebic dysentery \_\_\_\_\_

**GOOD LUCK**