



VICTORY STEP EDUCATION SERVICES  
PRIMARY SEVEN SET ONE EXAMINATION

2023

INTEGRATED SCIENCE

*Time Allowed: 2 hours 15 minutes*

|            |  |  |  |  |  |              |  |  |
|------------|--|--|--|--|--|--------------|--|--|
| Random No: |  |  |  |  |  | Personal No: |  |  |
|            |  |  |  |  |  |              |  |  |

Candidate's Name: .....

Candidate's signature: .....

District ID No: 

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

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

## SECTION A: 40 MARKS

Questions **1** to **40** carry one mark each.

1. Name any one type of cattle kept in Uganda.

.....

2. Give one method of seed dispersal.

.....

3. How are science oriented clubs important to children at school?

.....

4. What type of change occurs when salt dissolves in water?

.....

5. Give the meaning of the word " fibres "

.....

.....

6. Mention one type of immunity.

.....

7. Which juice is produced by the stomach walls during food digestion?

.....

8. Why is loam soil used for crop growing?

.....

9. How does pruning help to reduce pests and diseases in the garden?

.....

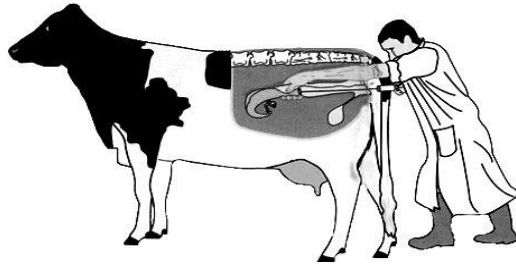
10. Give any one example of a fungi in the environment.

.....

11. State any one way in which sound can be stored.

.....

12. Which method of animal management is shown in the diagram below.



.....

13. Give one advantage of the activity taking place in the diagram above.

.....

14. What do you understand by “essential drugs”

.....

15. Name any one raw material which enables photosynthesis to take place.

.....

16. How do legumes increase the fertility of the soil?

.....

17. How is the absence of iodine harmful in our health?

.....

18. Give the difference between heat and temperature.

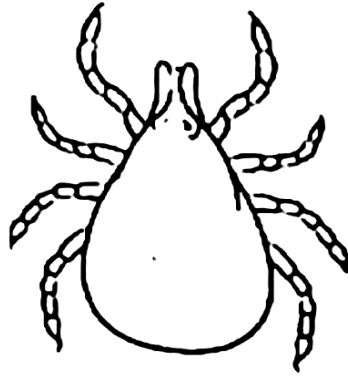
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19. How is the habit of bees visiting flowers useful to plants?

.....

20. What is the importance of a nursery bed to a vegetable farmer?

21. Why is the organism drawn below not called a true insect?



.....  
.....

22. Give any one reason for giving first aid to a casualty.

.....

23. Which component of blood engulfs germs to defend the body against diseases?

.....

24. Give any one effect of choking to the human respiratory system.

.....

25. What is the main source of heat on earth?

.....

26. How does a chameleon protect itself against its enemies?

.....

27. Give a reason for having a tippy tap at the latrine.

.....

28. Name the garden tool used for transplanting seedlings in the garden.

.....

29. Why are bacteria called single celled organisms?

.....

30. Mention the disease that attacks the udder of goats and sheep.

.....

31. State any one reason why very sick people are called vulnerables.

.....

32. Name the practice of introducing semi – solid food to a baby.

.....

33. Mention one disease that can result from staying in a dirty home.

.....

34. What is the importance of smoke during honey harvesting?

.....

35. Which part of a maize grain has the same function as that of a cotyledon in a bean seed?

.....

36. Mention any one effect of smoking to an individual.

.....

37. How does candidiasis affect the reproductive system of a woman?

.....

38. State the injury caused by concentrated acid when it pours on a baby's body.

.....

39. How is the function of a kink similar to that of valves in veins?

.....

40. Name one sign that shows that a child is dehydrated.

.....

## SECTION B: 60 MARKS

Questions **41** to **55** carry four marks each.

41. a) Give the use of the teeth during food digestion.

.....

b) Identify the part of the digestive system that is affected by peptic ulcers

.....

c) Give a reason why you need to drink enough water after eating food.

.....

d) Which digestive disorder can someone get if he/she has no teeth in mouth?

.....

42. a) Give any two ways in which bacteria are useful to human beings.

i) .....

ii) .....

b) Give any two ways in which fungi are dangerous to human beings.

i) .....

ii) .....

43. a) Give the importance of the following components of **ORS**.

i) Salt .....

ii) Sugar .....

b) Which step in preparation of **ORS** prevents it from contamination?

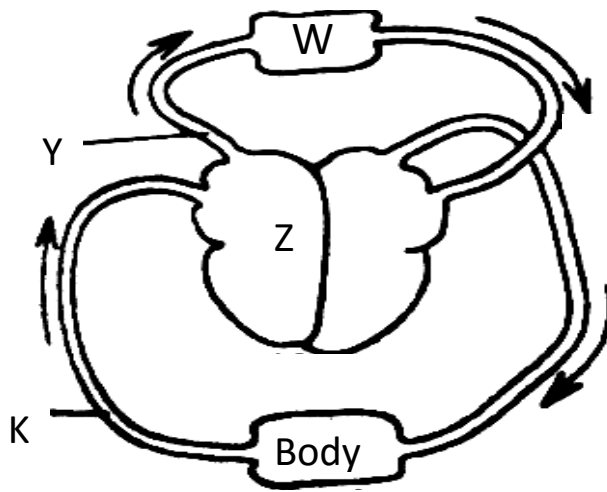
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c) Give one way of replacing lost fluids in the body apart from taking **ORS**

.....

44.a) Why does blood move from the heart to the kidneys.

.....  
Study the diagram below and use it to answer the questions that follow.



b) Name the organ marked with letter **W**.

.....  
c) Which blood vessel is marked with letter **Y**?

.....  
d) State the functional difference between organ **Z** and organ **W**.

.....  
45. a) Why is a worker bee not able to produce?

.....  
b) Give two roles of a worker bee in a hive.

i) .....

ii) .....

c) Give a reason why a queen bee is called a master bee in a hive.

.....

46. a) State any two ways a school health committee can help to care for the water sources in the community.

i) .....

ii) .....

b) Why is borehole water is safer to drink than well water?

.....

c) Write down one principle of Primary Health Care.

.....

47. Study the diagram below and use it to answer the questions that follow.



a) Identify the activity being carried out by a mother in above diagram.

.....

b) Give the advantage of the above activity to;

i) baby .....

ii) mother .....

c) How does the above activity act as a natural method of family planning?

.....

48. a) Mention one disease of pigs caused by bacteria.

.....

b) List down three ways one can care for animals at home

i) .....

ii) .....

iii) .....



49. Complete the table below which shows some diseases and how they are spread.

|              |  |
|--------------|--|
| Syphilis     | i) .....                                 |
| ii).....     | Infected female anophlese mosquito bites |
| iii) .....   | Infected dog bites                       |
| Tuberculosis | iv) .....                                |

50. a) Mention two types of energy

i) .....

ii) .....

- b) What type of energy is possessed by a cup placed on a table?

.....

- c) Mention the units used to measure temperature.

.....

51. a) What advice would you give to a person wishing to construct a pit latrine.

.....

- b) Give any one characteristic of a ventilated pit latrine.

.....

- c) Give two ways how a person may use a **VIP** latrine properly.

i) .....

.....

ii) .....

.....

52. a) Give two importance of umbilical cord to a baby in a womb.

i) .....

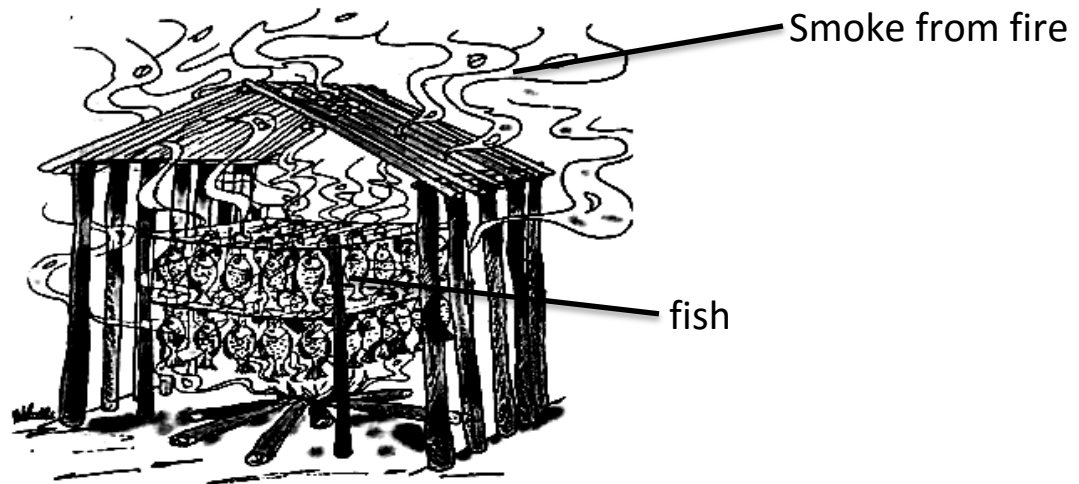
ii) .....

b) Give two things an expectant mother should do to promote health of her baby in a womb.

i) .....

ii) .....

53. Study the diagram below and use it to answer the questions that follow.



a) Name the method of food preservation shown above

.....

b) How does the above method of food preservation preserve fish?

.....

c) Give two advantages of preserving food in a family.

i) .....

ii) .....

54. a) Name the food value we get from eating tuber crops.

.....

b) How is the harvesting of sugarcane different from that of an Irish harvesting of an Irish potato?

.....

.....

c) Give two ways of caring for tuber crops in the garden.

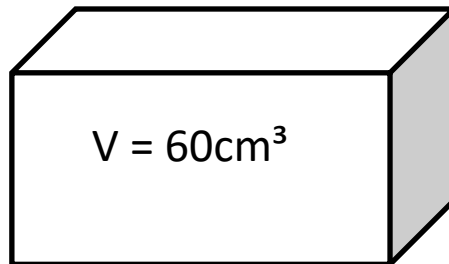
i) .....  
.....

ii) .....  
.....

55. a) In which units is mass measured?

.....

b) The volume of the chalk box below is  $60\text{cm}^3$ . If its density is  $2\text{g/cc}$ .  
Find the mass of the chalk box.



.....  
.....  
.....  
.....  
.....

c) How can one find the volume of an irish potato?

.....