



VICTORY STEP EDUCATION SERVICES
PRIMARY SIX
INTEGRATED SCIENCE
END OF TERM I 2024

TIME ALLOWED: 2 HOURS 30 MINUTES

Name: _____

School: _____

District: _____

**DO NOT OPEN THIS BOOKLET UNTIL
YOU ARE TOLD TO DO SO.**

Read the instructions carefully.

1. This paper has two sections: A and B.
2. Answer all questions. All answers to both Sections A and B must be written in the spaces provided.
3. All answers must be written using a blue and black ball – point pen or ink. Diagrams should be drawn in pencil.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot be read may lead to loss of marks.
6. Do not fill anything in the box indicated "For Examiner's Use Only" and those inside the questions paper.

EXAMINER'S USE ONLY

Qn. No.	Marks	Final Mark
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 45		
46 – 50		
51 – 55		
TOTAL		
Turn Over		

SECTION A:

1. Write down any one example of an edible seed.

2. State any one importance of leaves to a plant.

3. Why do farmers harvest their crops during dry season?


4. Give any one example of a suitable healthy lifestyle.

5. Why does a black shirt dry faster than a white one when washed at the same time and put under sunshine?

6. Name the force that enables a boat to move on water without sinking.

7. How do fish help in promotion of health of the people in a community?

8. Write any one example of human activity that leaves the land open exposing it to soil erosion agents.

9. How is the living organism shown below dangerous to a crop farmer


10. How does yeast increase in number?

11. How do we call the practice of removing excess seedlings in a nursery bed?

12. State any one reason why farmers carry out docking in livestock farming

13. Write the gestation period of a sow.

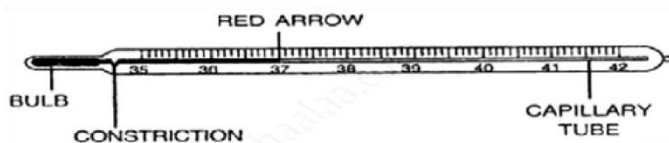
14. Why is breast milk said to be the best food for babies?

15. Name any one item used for giving first aid which is not found in a first aid box.

16. How do plants help to purify air in the environment?

17. Mention any one way of getting natural acquired immunity.
-
18. Identify any one material used for construction of permanent houses.
-
19. How do Angora goats contribute to the development of textile industries?
-
20. Give any one food stuff that can be given to brick makers
-
21. Mention one effect of depending on plant fuels to the environment.
-
22. Which type of mechanical energy is possessed by a baby sleeping on that bed.
-
23. Of what importance are the blood vessels that surround the ileum in the body?
-
24. Identify any one activity done by people that can lead to water contamination from the water sources.
-
25. Why does a ball kicked upwards falls back to the ground after a short time?
-
26. Give any one reason why you as a P.5 pupil need to have atleast one poultry bird at home.
-

27. How is the instrument below useful to a doctor?



-
28. How is heat useful to a blacksmith man?
-
29. Name the plant process that increases the amount of water vapor in the atmosphere.
-
30. Give any one activity carried out during child to child programs.
-
31. State any one danger of dumping polythene papers to the soil.
-
32. Why is malaria said to be a noncommunicable disease?
-

33. In which state of matter is water at 100°C ?

34. How are grits found in the gizzard useful to a poultry bird?

35. Identify one example of vaccine administered to babies orally.

36. Why do passion fruit plants climb other plants?

37. State any one way in which bacteria can be useful in the environment.

38. Mention any one way people get capital for starting pig farming.

39. State any one way of preventing food contamination at home.

40. Name the tool that can be used to separate a mixture of cooking oil and water.

SECTION B:

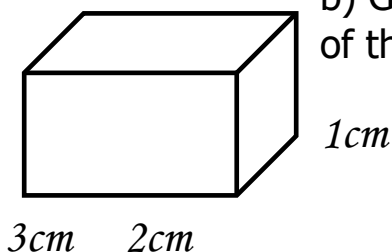
41. a) How does oiling of metals help to prevent rusting of metals?

- b) Apart from oiling, give any one other method used to prevent rusting of metals

- c) Give any two effects of rusting on metallic garden tools.
I _____
II _____
42. a) Give one reason why a female anopheles mosquito is called a vector.

- b) State any two ways of controlling mosquitoes at home.
I _____
II _____
- c) What is the importance of an air float in the eggs of a female anopheles mosquito?

43. a) When is displacement method used?



- b) Given that the object below has a mass of 18g, find the density of the object.

(2marks)

c) Using your answer in 43. b) above, state whether the object will float or sink when placed in water.

44. a) Give one reason why a rabbit hutch should be:

i. Raised above the ground level _____

ii. Made with a wire mesh _____

b) State any two reasons why people keep rabbits

I _____

II _____

45. a) State any two reasons why animals move from one place to another.

I _____

II _____

b) Mention any two ways how animals benefit from plants.

I _____

II _____

46. a) Give any two conditions needed for multiplication of bacteria.

I _____ II _____

b) By what process does bacteria increase in number?

c) Name the component of soil formed by the action of bacteria.

47. a) How is the item shown in the diagram below useful during personal hygiene.

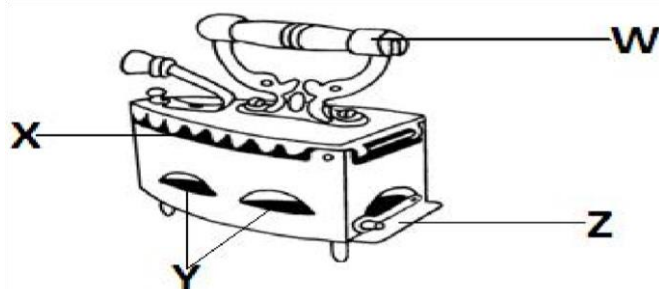


b) Give any two examples of diseases prevented by using the item above in promoting personal hygiene

I _____ II _____

c) Apart from the item above, give any one other item that can be used during personal hygiene.

48. The diagram below is of a charcoal box. Use it to answer the question that follow.



(a) State the function of holes marked **X** and **Y**

i) X. _____

ii) Y. _____

(b) Why is part marked **W** made up of wood?

(c) By what process does heat travel through part Z?

48. (a) Name the set of teeth found in babies.

a. Which type of teeth is missing in the set you have named in 48.(a) above?

b. State one way mothers can promote the growth of strong teeth in babies.

c. Identify the class of food needed for the formation of strong teeth and bones

49. (a) How do hookworms enter our bodies?

(b) State **one** danger of hookworms to people.

(c) Write down **two** health habits that can help people to avoid worm infestation.

(i) _____

(ii) _____

50. Match the following diseases in A to B correctly.

a) Drenching gun

For detecting mastitis in milk

b) Lactometer

For castrating farm animals

c) Burdizzo

For giving liquid drugs to animals

d) Strip cup

For determining the density of milk

(a) Drenching gun

(b) Lactometer

(c) Burdizzo

(d) Strip cup

51. a) Write down any two ways of boosting the immunity of the body.

I _____

II _____

b) State any two importance of taking children for immunization.

I _____

II _____

52. a) Mention any one reason why people eat food.

b) Give any one importance of proteins in the body.

c) Suggest any two causes of poor feeding in a family.

I _____

II _____

53. Re-arrange the following in their correct order of occurrence.

(i) The seed swells

(ii) The radicle appears

(iii) The plumule grows

(iv) The seed takes in air and water

Correct order

(i) _____

(ii) _____

(iii) _____

(iv) _____

54. a) Give **one** reason why people rear broilers.

b) State **one** use of feathers to a bird.

c) State **any one** example of bad habit practiced by poultry in the poultry house.

d) Suggest the possible way of controlling egg eating in poultry.

55. a) Give any one example of a tool/equipment found in a goat farm

b) State any one use of capital when starting an animal farm

c) Write down any two activities in the farm done by unskilled labour.

I _____

II _____