

Read the following instructions carefully:

1. This paper is made up of two Sections: A and B.
2. Section A, has **40** short-answer questions (**40 marks**)
3. Section B has **15** questions (**60 marks**)
4. Answer **ALL** questions. All answers to both Sections A and B **MUST** be written in the spaces provided.
5. All answers **MUST** be written using a blue or black ball-point pen or ink. Only diagrams should be done in pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the box indicated "**For examiners' use only**"

SECTION A: (40 Marks)

Questions 1 to 40 carry one mark each.

1. Name **one** product of bees.

2. Mention **one** item used for cleaning a house.

3. Why should we wash our hands before eating food?

4. State any **one** disorder of the digestive system.

5. Give any **one** example of a domestic bird.

6. Name the part of air that supports rusting of metals.

Use the diagram below to answer the question that follows.



7. How is the garden tool useful to crop farmers?

8. Identify **one** disease that affects both poultry and rabbits.

9. Write **one** activity done to promote personal hygiene.

10. Give **one** way a P.5 child can promote sanitation at school. ☐

11. Name the part of the digestive system where digestion ends.

12. Which body organ is used for tasting food in man?

13. Name any **one** type of weather.

14. Give **one** example of solitary insects.

15. Give **one** use of a beak to a bird.

16. Mention any **one** component of soil.

17. Why should a hutch be kept clean?

18. How are the stomata of plants similar to the spiracles of insects?

19. Which type of bee is referred to as sterile bee?

20. Find the density of a substance of mass 15g and volume of 5cc.
21. Why is polio vaccine given at birth?

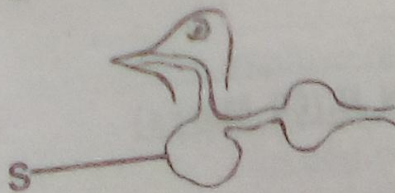
22. What do tapeworms feed on?

23. Give any **one** activity that promotes oral health.

24. State the role of saliva during digestion of food.

25. Where does a sugarcane plant store its food?

Use the diagram below to answer question 26.

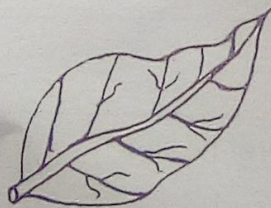


26. Name the part labelled **S** on the diagram above.

27. Give **one** importance of feathers to birds.

28. State **one** use of bee wax to man.

29. Give any **one** information found on a child health card.
30. Write down **one** reason why a spider is not an insect.
31. Name **one** example of a leguminous crop in the environment.
32. How is the heart important in the human body?
33. Which food value is obtained from eating maize?
34. Why do some objects sink in water?
35. Why do bees visit flowers?
36. Give any **one** sign / symptom of tuberculosis.
37. Name the type of leaf venation in the leaf below.



38. Write down **one** example of poultry.
39. Give **one** factor that affects the rate of transpiration.
40. Name **one** type of immunity.

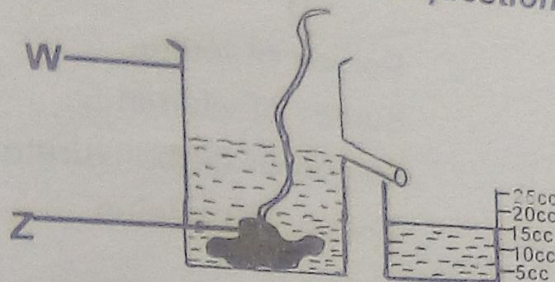
SECTION B:(60 Marks)

41. (a) What are vices in poultry?
- (b) Identify any **two** examples of vices in poultry.
- (i)
- (ii)
- (c) Give **one** way of controlling vices in poultry.

42. (a) State **two** properties of air.
 (i) _____
 (ii) _____
 (b) Which gas occupies 21% of the air?

 (c) Give **one** importance of the gas you have mentioned in (b) above.

43. Use the diagram below showing a method of finding volume of objects to answer the questions that follow.



- (a) What method is used to find volume of object **Z**?

- (b) What is the volume of object **Z**?

- (c) Why do some objects float on water?

- (d) Name the container marked **W**.

44. (a) Name **one** example of an exotic breed of chicken.

- (b) What do we call a machine used to incubate eggs?

- (c) How can we improve on the quality of local breeds?

- (d) Which part of an egg protects the inner parts?

45. (a) What are pests?

- (b) Give **two** examples of pests.

(i)

(ii)

(c) State any **one** way of controlling pests in a garden.

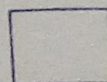
46. (a) What is the best season for planting crops?

(b) How useful are the following garden tools to farmers?

(i) A knife

(ii) A trowel

(iii) A watering can



47. **Match the following items correctly.**

A

Sweet potatoes

Beans

Oranges

Common salt

B

Source of iodine

Source of vitamin C.

Source of carbohydrates

Source of proteins.

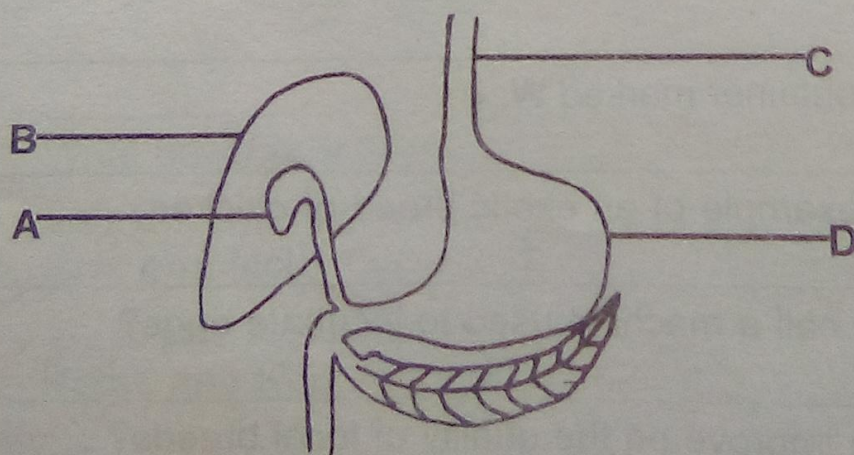
(a) Sweet potatoes

(b) Beans

(c) Oranges

(c) Common salt

48. **Use the diagram below to answer the questions about it.**



(a) Name the parts marked;

(i) C

(ii) B

(b) State the use of part marked B.

(c) Mention the juice produced by part marked D.

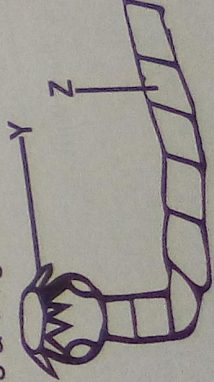
49. (a) Why do some farmers prefer rearing local breeds of chicken?
(b) State any **two** characteristics of local breeds of chicken.
(i) _____
(ii) _____
(c) What name is given to chickens kept for meat production?

50. (a) Apart from cotton wool, give any other **two** items found in a First Aid Box. □
(i) _____
(ii) _____
(b) State any **one** importance of cotton wool in giving First Aid.
(c) Give **one** reason for giving First Aid to casualties.

51. (a) Write down any **two** of the 4Fs in full.
(i) _____
(ii) _____
(b) Mention **two** diseases spread through the 4Fs disease path.
(i) _____
(ii) _____

52. (a) What type of worms are controlled when;
Children put on shoes or sandals before visiting a latrine / toilet?
(i) _____
(ii) People eat well cooked meat?
(ii) _____

(b) Below is a diagram of an intestinal worm.



(i) Name the part marked Z. □
of part Y to the worm.

53. (a) Give any **two** examples of exotic breeds of rabbits kept by farmers.

(i) _____
(ii) _____

(b) State any **two** uses of rabbits to a farmer.

(i) _____
(ii) _____

Below is a structure of a maize seed. Use it to answer the questions that follow.



(a) Name the parts marked;

(i) **M** _____

(ii) **N** _____

(b) What is the function of part marked **F**?

(c) Mention the type of germination which a maize seed under goes.

(c) _____

55. (a) Write **one** use of stems to:-

(i) Plants _____

(ii) Animals _____

(b) Give **one** example of a plant with:-

(i) An upright stem _____

(ii) An underground stem _____