



# The HIGHWAY EXAMINATIONS

P.6 TRIAL SET I TERM 1 2025

SCIENCE

Time allowed: 2 hours: 15 minutes.

Name:.....

Stream:.....

**Read the following instructions carefully.**

1. This paper has two sections: **A** and **B**. section **A** has **40** questions and section **B** has **15** questions.
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** or **black** ball point pen or ink. Any work written in pencil will **not** be marked except diagrams.
4. Unnecessary **changes** in your work and Handwriting that cannot be read easily may lead to **loss** of marks.
5. Do not fill anything in the table indicated "**FOR EXAMINERS' USE ONLY**" and the boxes inside the question paper.

FOR EXAMINERS'USE ONLY		
SECTION	MARKS	EXR'S INITIAL
A		
B		
TOTAL		

## **SECTION A**

1. How do bacteria reproduce?

.....

2. Which type of teeth is used for tearing food?

.....

3. Give any **one** vaccine given at birth.

.....

4. In which units is volume measured?

.....

5. Which type of thermometer is drawn below?



6. Write down **one** way of harvesting crops.

.....

7. How can electricity be saved at home?

.....

8. Which type of chicken is kept for meat production?

.....

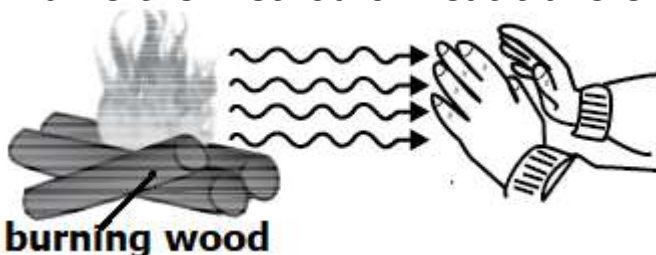
9. Identify any **one** disease that affects both rabbits and poultry.

.....

10. State **one** reason why we give first aid.

.....

11. Name the method of heat transfer show below.



12. Write **one** part of a plant that develops from the axillary bud.

.....

13. Mention any **one** example of soil pollutants.

.....

14. How are banana fibres important to children?

.....

15. How are hook worms dangerous to human health?

.....

16. Identify **one** way of caring for the digestive system.

.....

17. Which deficiency disease caused by lack of proteins in the body.

.....

18. Write down **one** danger of poor sanitation.

.....

19. How is a spur important to a hen?

.....

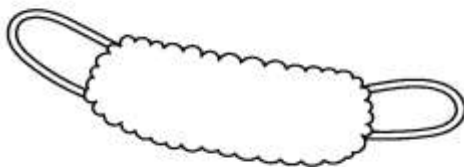
20. Identify **one** way of acquiring natural immunity.

.....

21. Write down T.T in full as used in immunization.

.....

22. Give the function of the item drawn below in promoting personal hygiene.



.....

23. Give one importance of water at home.

.....

24. Write down any **one** type of a hutch.

.....

25. How does heat travels through solids?

.....

26. Mention **one** example of a stem tuber.

.....

27. How is a dog important at home?

.....

28. Give the importance of brain to human.

.....

29. Apart from preventing soil aeration, State **one** other way how polythene bags pollute the soil when dumped poorly.

.....

30. How are bacteria dangerous to people?

.....

31. Which crop growing practice keeps moisture in the soil?

.....

32. Why do snakes move from one place to another?

.....

33. Write down **one** effect of accidents to humans.

.....

34. Give **one** example of food that gives us vitamin A.

.....

35. Find the volume of a cuboid below.



36. State **one** danger of strong wind in the environment.

.....

37. Write down **one** characteristic of enzymes.

.....

38. Which type of energy is possessed by moving objects?

.....

39. How does debeaking control poultry vices?

.....

40. Why is measles vaccine given at a month's not at birth?

.....

### SECTION B

41. a) Write down **two** types of hutches.

i. ....

ii. ....

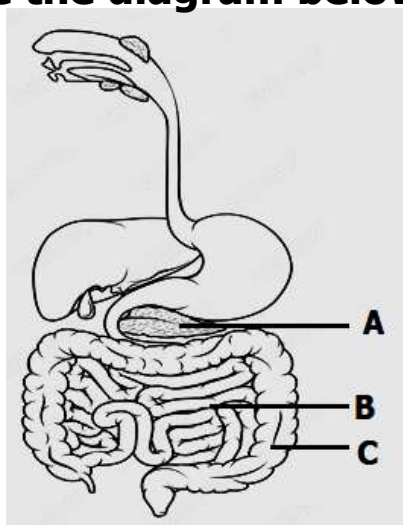
b) Give any **one** reason why the hutch should be raised above the ground.

.....

c) Mention **one** way you can improve the health of rabbits on a farm.

.....

42. Use the diagram below to answer questions that follow.



a) Label parts mark **A** and **B**.

**A**.....

**B**.....

b) Give the function of part marked **C**.

.....

c) Mention **one** disorder of the digestive system.

.....

43. a) Mention **two** crafts made from local materials.

i. ....

- ii. ....
- b) Give **two** importances of crafts made by people.
  - i. ....
  - ii. ....

44. a) What is sanitation?

.....  
.....

b) Identify any **one** danger of poor sanitation.

.....

c) State **two** ways of promoting good sanitation.

- i. ....
- ii. ....

45. a) Apart from being kept for security alerts and as a pet. Give **two** other reasons why some people rear dogs.

- i. ....
- ii. ....

b) Identify the special habitat for dogs at home.

.....

c) Mention **one** example of animals that greatly reduce in number by rearing cats.

.....

46. a) Give the function of the teeth below.

i. Canine.....

...

ii. Incisor.....

...

b) How are incisors adapted to their function?

.....

c) Write down **one** way of caring for teeth.

.....

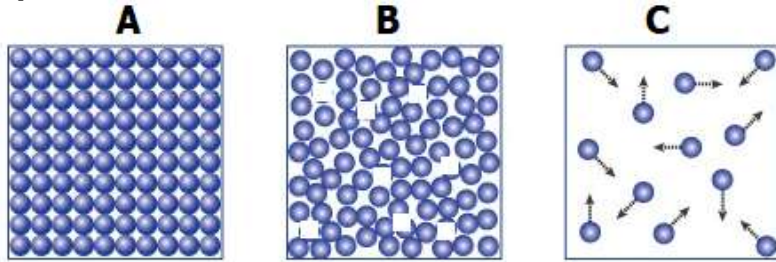
47. a) Give any **one** sign of the following immunisable diseases.

- i. Polio.....
- ...
- ii. Measles.....

b) Write down **two** other immunisable diseases.

- i. ....
- ii. ....

48. a) Name the states of matter marked **A** and **C**.



**A** \_\_\_\_\_

**B** \_\_\_\_\_

b) What is heat?

.....

c) Why are gaps left between rails during railway line construction?

.....

49. a) What are pests?

.....

.....

b) Give any **two** signs of crops affected by pests.

- i. ....
- ii. ....

c) How does soil erosion affect crop production?

.....

50. a) What is personal hygiene?

.....

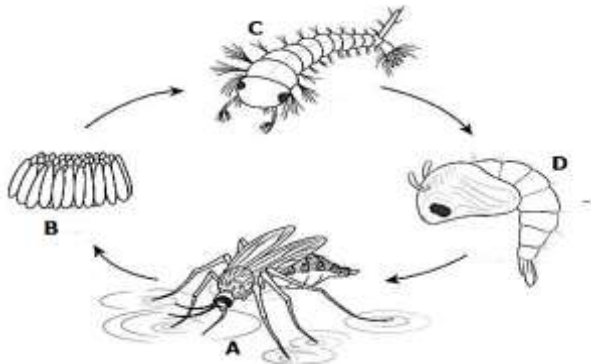
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b) Mention **two** activities done to promote personal hygiene.

- i. ....
- ii. ....

c) Give **one** danger of poor personal hygiene.

51. Use the diagram below to answer questions that follow.



a) Name the stages of life cycle marked

i. **A**.....

...

ii. **B**.....

...

b) Name the type of life cycle drawn above.

c) Give **one** example of an insect that undergoes above cycle.

52. a) What is mass?

b) Give any **two** examples of weighing machines.

i. ....

ii. ....

c) State what happens to mass of an object dipped in a pool of water.

53. a) Give **one** example of edible fungi.

b) How do most fungi reproduce?

c) Mention **two** importances of fungi.

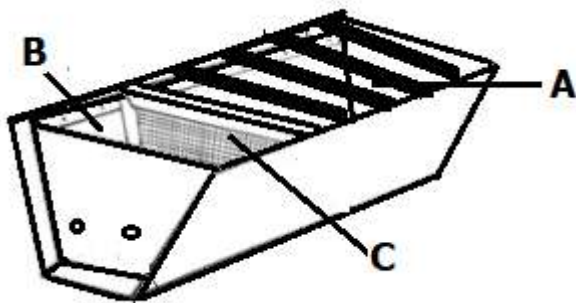


- i. ....
- ii. ....

**54. Match garden tools to their functions correctly.**

<b>A</b>	<b>B</b>
i. Hoe	for transplanting
ii. Garden trowel	for digging
iii. Wheel barrow	for watering crops
iv. Watering can	for transporting manure
Hoe .....	
Garden trowel.....	
Wheel barrow.....	
Watering can.....	

**55. Use the diagram below to answer questions that follow.**



- a) Name the chambers of the beehive above marked **A** and **B**.
- A**.....
- B**.....
- b) How is part marked **C** important in the hive?
- .....
- c) Write **one** material used to construct a beehive.
- .....

**END**