



THE CRANES EXAMINATIONS BOARD

"EVER FORWARD"

P.4 BEGINNING OF TERM THREE ASSESSMENT

INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

NAME:.....

SCHOOL:.....

DISTRICT:.....

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper is made up of **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 section **A** and **B**. **All** answers to both sections **A** and **B** must be written in the spaces provided.
5. **All** answers **must** be written in **blue** or **black** ball point pen or **ink**. **Only** diagrams and graph work 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.
8. Do not fill anything in the boxes indicated

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PAGES	MARKS	INITIALS
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PAGE 2		
PAGE 3		
PAGE 4		
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PAGE 6		
PAGE 7		
PAGE 8		
TOTAL		

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TURN OVER

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SECTION A: 40 MARKS

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

1. Name any **one** component of air

2. Give the part of an insect that is used for hearing.

3. Write any **one** set of teeth that you know.

4. State the gas needed by plants during germination.

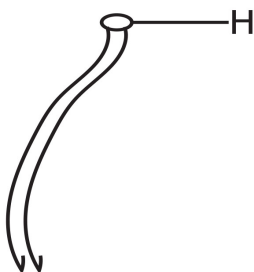
5. Mention **one** way in which crop farmers benefit from loam soil.

6. State any **one** danger of houseflies in the compound.

7. Write any **one** use of a garden trowel to a crop farmer.

8. Mention any **one** example of external body organ that you know.

The diagram below shows a part of flower. Use it to answer the questions 9 and 10



9. Name the part of flower shown above.

10. State the function of part labeled with letter **H**.

11. Mention any **one** material used to construct a temporary house.

12. Give the meaning of the term photosynthesis.

13. Apart from tooth paste, name any other tool used to keep our teeth clean.

14. State any **one** characteristic of dicotyledonous plants.

15. Give any **one** sign of marasmus in infants.

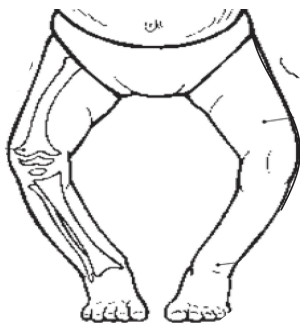
16. Write any **one** way in which food becomes contaminated at home.

17. Name the part of a domestic bird that is used for protection.

18. Give any **one** use of wind in the environment.

19. Mention any **one** advantage of growing annual crops in the garden.

The diagram below shows a child suffering from a certain disease. Study it and use it to answer the questions 20 and 21.



20. State **one** way in which the above disease can be controlled.

21. Apart from the above disease, name any other example of a deficiency disease.

22. Mention any **one** method of soil formation.

23. Give **one** way in which the spread of germs can be prevented in our community.

24. Mention any **one** component of the environment.

25. Give a reason why a dustbin should have a lid.

26. State any **one** disease that affects the human teeth.

27. Mention any **one** way people care for domestic birds.

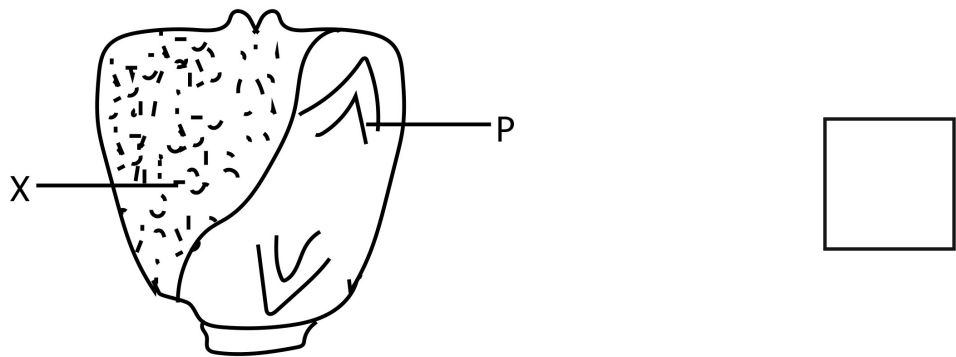
28. Name the class of food that makes the body healthy.

29. Give a reason why a rain gauge is placed in an open place.

30. Write any **one** advantage of planting crops in rows.

31. Name any **one** place where people get food from.
-
32. Write the crop growing practice that breaks down the life cycle of crop pests in the garden.
-
33. State **one** way in which a P.4 child can make use of banana fibres at school.
-
34. Give any **one** reason why people preserve food at home.
-
35. Apart from calcium, name any other mineral salt that helps in the formation of strong teeth and bones.
-
36. State any **one** item used to promote sanitation at home.
-
37. Give any one cause of burns at home.
-

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



38. Name the part marked **P**.
-
39. State the function of part marked with letter **X**.
-
40. Mention any one way of controlling the spread of diarrhea in our communities.
-

SECTION B: 60 MARKS

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

- 41.(a) Give the meaning of the term personal hygiene.
-
- (b) Mention any **two** diseases caused due to poor personal hygiene.
- (i) _____ (ii) _____
- (c) State any **one** indicator of poor personal hygiene.
-

42.(a) Name the type of teeth that develops first in young children.

(b) Apart from the above teeth, write any other **two** types of teeth that you know.

(i) _____

(ii) _____

(c) State any **one** disorder of the teeth.

43.(a) Give the meaning of the term casualty.

(b) Mention any **one** component of a first aid box.

(c) Write any **two** reasons for giving first aid to a casualty.

(i) _____

(ii) _____

44.(a) Mention any **two** examples of insects that undergo complete metamorphosis

(i) _____

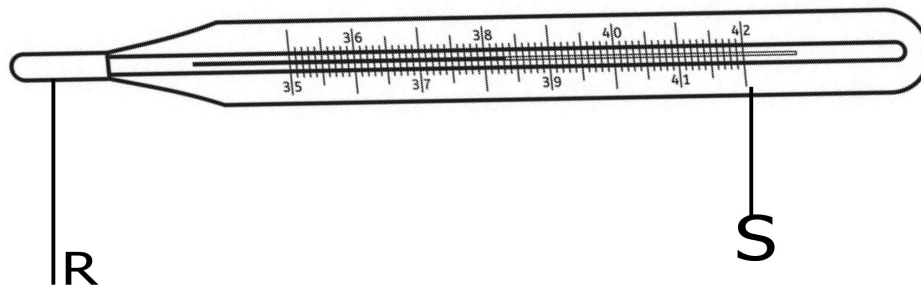
(ii) _____

(b) Give any **two** methods used by people to control vectors at home.

(i) _____

(ii) _____

45. The diagram below is of a thermometer. Use it to answer the questions that follow.



(a) Name the parts marked with letters **R** and **S**.

(i) R _____ (ii) S _____

(ii) State the function of the above equipment in the hospital.

(b) Give any **one** part of the body where the above equipment is placed.

46.(a) Name the property of air that helps a person to;
suck soda from a bottle using a straw _____

(b) Apart from the above property of air, write any **three** properties of air.

(i) _____

(ii) _____

(iii) _____

47. (a) Give the meaning of the term leaf venation.

(b) In the space below, draw a leaf showing parallel leaf venation.

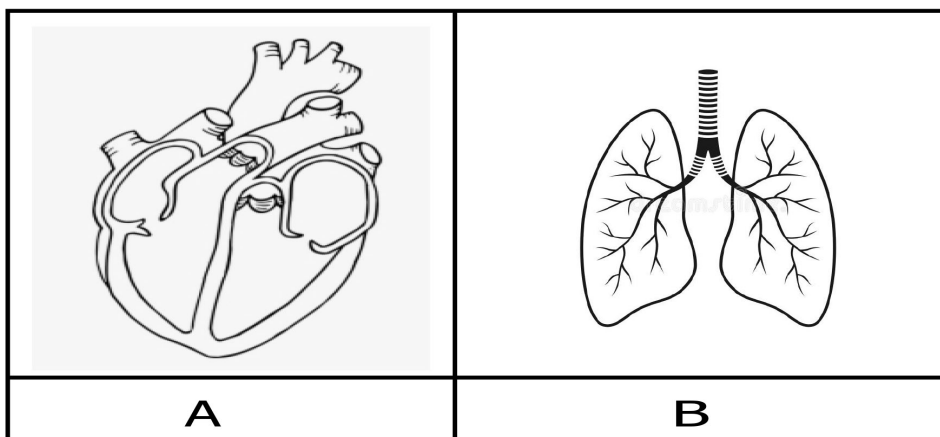


(c) Write any **two** examples of plants with parallel leaf venation.

(i) _____

(ii) _____

48. **Below are organs of the body. Study and use them to answer the questions that follow.**



(a) Name the body organ marked A and B.

(i) **A** _____

(ii) **B** _____

(b) State the function of the body organs

(i) **A** _____

(ii) **B** _____

49.(a) Name the **two** parts of a seed that stores food.

(i) _____

(ii) _____

(b) State any **two** ways seeds are important to people.

(i) _____

(ii) _____

50.(a) Give any **two** types of birds.

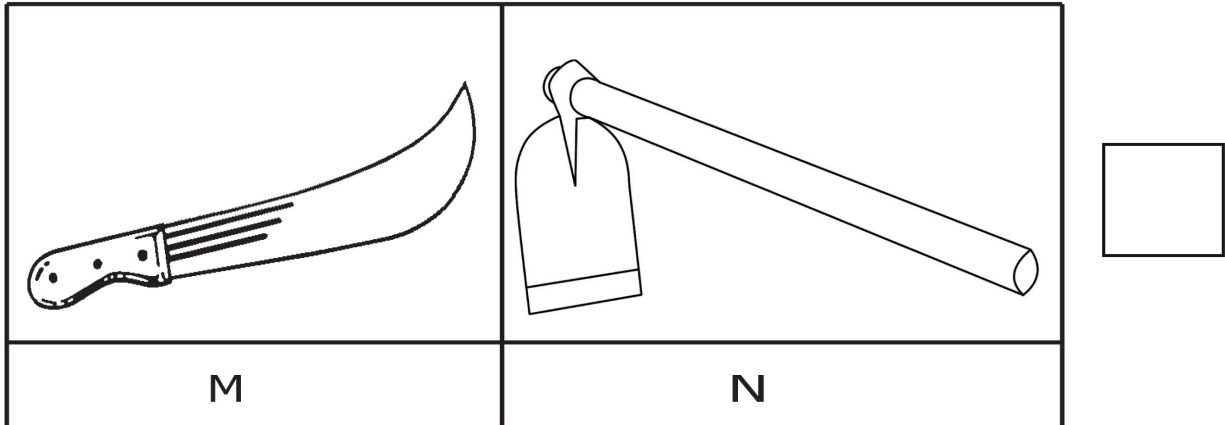
(i) _____

(ii) _____

(b) Write the characteristic of living things that enables them to multiply in number.

(b) Mention any **one** characteristic of non living things.

51. Study the garden tools below and use them to answer the questions that follow.



(a) Name the garden tools labeled with letter **M** and **N**.

(i) **M** _____

(ii) **N** _____

(b) Mention any **two** ways of caring for the gardens tools above

(i) _____

(ii) _____

52.(a) Write any **one** item that use electricity at home.

(b) Apart from electricity, name any other **two** sources of energy in the environment.

(i) _____

(ii) _____

(c) Give any **one** danger of electricity at home.

53. The table below shows the disease vectors and their diseases they spread. Study them and match correctly.

Disease vector	Disease spread
Rat flea	Bilharzia
Water snail	Typhus fever
Mad dog	Bubonic plague
Ticks	Rabies

- (i) Rat flea_____
- (ii) Water snail_____
- (iii) Mad dog_____
- (iv) Ticks_____

54.(a) List down any **one** material made out of clay soil

(b) Mention any **two** places where people get the natural materials.

(i) _____

(ii) _____

(c) State any **one** component of soil.

55.(a) Write any **two** activities that lead to drought in the environment.

(i) _____

(ii) _____

(b) Give any **two** importance of planting trees in the school compound.

(i) _____

(ii) _____

END

