

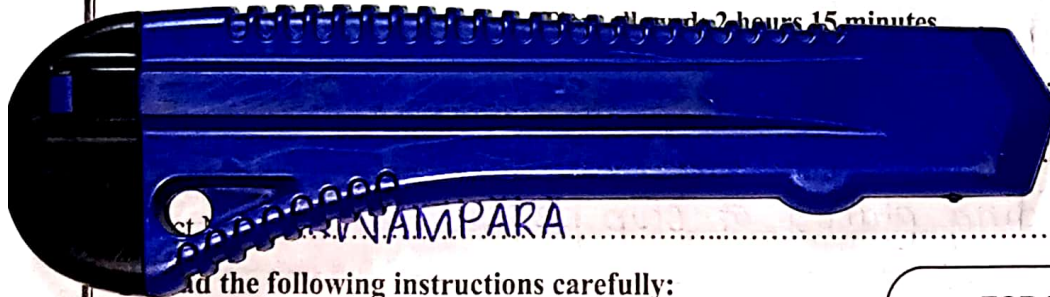


BROAD EXAMINATIONS®

P.5 INTEGRATED SCIENCE EXAMINATION

TRIAL SET I TERM I 2025

Time allowed: 2 hours 15 minutes



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. Answer **ALL** questions in both sections A and B.
5. All answers must be written in the space provided in blue or black ball point pens and ink. **Only diagrams should be done in pencil.**
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any handwriting, which cannot be easily read, may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated for Examiners' use only.

FOR EXAMINER'S USE ONLY

PAGES	MARKS	SIGN
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Page 4		
Page 5		
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Page 7		
Page 8		
TOTAL		

Teacher's comment to the learner

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Approved by:

A. J. J. J.

Team Head Science Dept.

SECTION .A. (40 Marks)

1. Name any one example of domestic birds.

Chicken

2. Give any one way firewood is important at home.

Firewood is used for cooking food.

3. Which type of family is composed of father, mother, children and some relatives?

Extended family

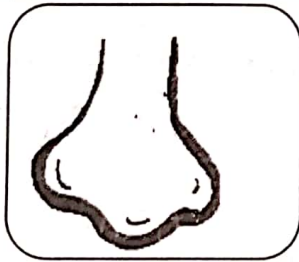
4. Mention the type chickens kept for egg production.

Layers

5. State any one reason for pruning fruit crops.

To destroy hiding places of crop pests.

The diagram below shows a body sense organ. Use it to answer questions 6 and 7.



6. Name the body sense organ above.

Nose

7. How is the above body sense organ important to a P.5 child?

The above body sense organ is used for smelling.

8. State the way a rain gauge is of use at the weather station.

A rain gauge is used for measuring the amount of rainfall received in an area.

9. Give any one reason why people eat food.

To satisfy hunger.

10. Write down any one sign of dehydration.

Dry lips

11. Name the garden tool that is used for cutting small trees.

Panga

12. Write down any one component of a clean home.

Clean kitchen

13. Mention any one way our body organs can be kept in good working conditions.

By doing regular physical exercises.

14. How is chlorophyll important to plants during photosynthesis?

Chlorophyll traps sunlight.

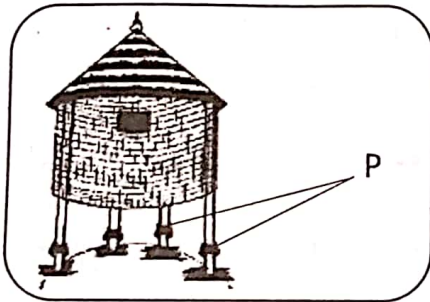
15. Mention any one reason why some people keep rabbits.

To get meat.

16. Name any one plant that has a tap root system.

Mango plant

The diagram below shows a structure used by crop farmers. Use it to answer question 17 and 18.



17. Name the parts marked P.

Ratguards

18. How is the above structure important to a crop farmer?

A crop farmer The above structure is used for storing a crop farmer's crops.

19. Give one way tapeworms enter our bodies.

By eating undercooked meat.

20. How is soap important when promoting personal hygiene?

Soap kills germs.

21. Name any one accident that takes place in the kitchen.

Burns

22. How are PIASCY messages important to the youth in Uganda?

PIASCY messages help the youth from getting AIDS.

23. How are canine teeth adapted to their function?

Canine teeth are sharp and pointed at top for tearing food.

24. In which one way can a farmer make use of a forked hoe?

By using a forked hoe for digging in stony areas.

The diagram below shows an insect vector. Use it to answer questions 25 and 26.



25. Give any one disease spread by the vector shown above.

Cholera

26. Mention any one way of controlling the above insect vector in its adult stage.

By spraying using insecticides.

27. Suggest any one reason why our bodies should be kept clean.

To prevent bad body smell.

28. Write down any one food stuff that is rich in proteins.

Eggs

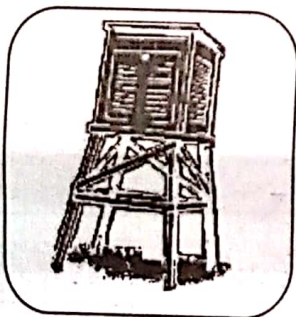
29. Give any one reason why animals move from one place to another.

To look for food.

30. How does smoking of latrines improve on sanitation in a home?

Smoking of latrines prevents bad smell in a home.

The diagram below shows a structure found at a weather station. Use it to answer questions 31 and 32.



31. Mention any one weather instrument kept in the above structure.

Six's thermometer

32. Why is the above structure painted white?

To reflect sunlight.

33. How are houseflies able to spread disease causing germs?

By using hairy bodies.

34. Mention any one way of removing food remains from teeth.

By brushing the teeth after every meal.

35. How are living things different from non-living things?

Living things breathe while non-living things don't breathe.

36. Name any one exotic breed of rabbits.

California rabbits

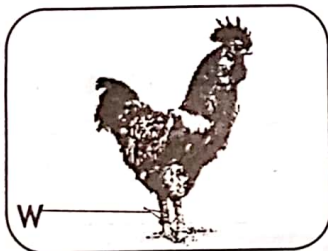
37. State any one way of conserving electricity at home.

By switching off electricity after use.

38. Name any one material at home made from clay.

Pot

The diagram below shows an example of chicken. Use it to answer questions 39.



39. How is part marked W important to the above fowl?

Part marked W is used for protection.

40. Give any way in which germs enter our bodies.

Through open wounds and cuts.

SECTION .B. (60 Marks)

41. (a) What are communicable diseases?

Communicable diseases are diseases spread from an infected person to a healthy person.

(b) Write down any two examples of communicable diseases.

(i) Diarrhoea

(ii) Malaria

(c) Give one way of controlling the spread of communicable diseases that attack the skin.

By not sharing clothes with an infected person.
By preventing direct body contact with an infected person.

42. (a) Give any two conditions necessary for germination.

(i) Warmth

(ii) Oxygen

(b) Mention any two conditions which may make a seed fail to germinate.

(i) Due to planting damaged seeds.

(ii) Due to planting immature seeds.

43. (a) Mention any two items measured in kilograms.

(i) Sugar

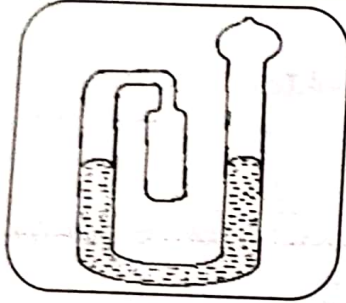
(ii) Maize flour

(b) Name any two instruments used in measuring length.

(i) Ruler

(ii) Wire

The diagram below shows a thermometer. Use it to answer question 44.



44. (a) Name the type of thermometer shown above.

Six's thermometer

(b) Mention two liquids used in the above thermometer.

(i) Alcohol

(ii) Mercury

(c) State the use of the above type of thermometer.

The above type of thermometer is used for measuring temperature of the day.

45. (a) Mention any two examples of play materials.

(i) Balls

(ii) Dolls

(b) Name any two sources of raw materials used to make play materials.

(i) Banana plantation

(ii) Swamp

46. (a) Which weather condition enables farmers to winnow their dried cereals?

Windy

(b) Suggest any two ways of managing rainy weather.

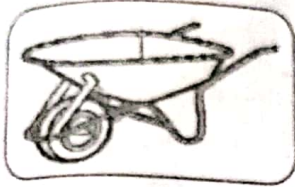
(i) By wearing gumboots.

(ii) By carrying an umbrella.

(c) Write down any one danger of heavy rainfall in a community.

Heavy rainfall destroys farmers' crops.

The diagram below shows a garden tool. Use it to answer question 47.



47. (a) What name is given to the above garden tool?

Wheelbarrow

(b) Give a reason why the above garden tool should be painted.

To prevent the above garden tool from rusting.

(c) Apart from painting it, write down any two ways of caring for the above garden tool.

(i) By cleaning the above garden tool after use.

(ii) By oiling the above garden tool.

48. (a) Mention any two roles of children in a family.

(i) Fetching water.

(ii) Collecting firewood.

(b) Suggest any two ways a mother can care for children at home.

(i) By washing clothes for children.

(ii) By giving food to children.

49. (a) How are the following parts of a flower important;

(i) petals? Petals attract pollinators.

(ii) sepals? Sepals protect a flower when at a bud st

(b) Mention any two uses of flowers to man.

(i) Flowers are sold to get money.

(ii) Some flowers are eaten as food.

50. (a) Name the part of a tooth that contains blood vessels and nerves.

Pulp cavity

(b) How are blood vessels found in the tooth important?

Blood vessels transport blood to the tooth.

(c) Write down the two sets of teeth in human beings.

(i) Milk set of teeth

(ii) Permanent set of teeth

51. (a) Name one process in the environment that increases oxygen in the atmosphere.

Photosynthesis

(b) Mention any one way oxygen gas is important in the environment.

Plants breathe in oxygen at night.

(c) Apart from oxygen, write any other two components of air.

(i) Nitrogen

(ii) Carbon dioxide

52. (a) How are quill feathers important to birds?

Quill feathers help birds to fly.

(b) Name any one other type of feathers apart from quill feathers.

Body feathers

(c) Mention any two ways feathers are useful to man.

(i) Feathers are sold to get money.

(ii) Feathers are used for decoration.

53. (a) Write down any two examples of wild animals.

(i) Lions

(ii) Tigers

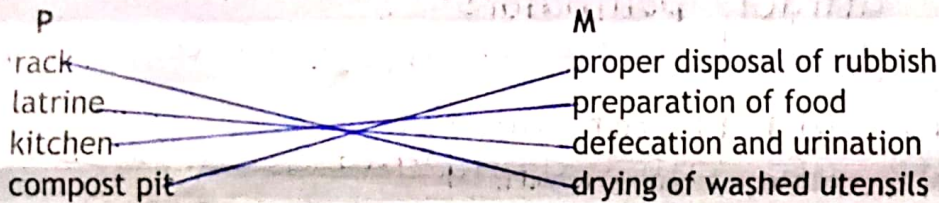
(b) Give any one way of caring for wild animals.

By giving food to wild animals.

(c) State any one danger of living nearby game parks.

Attacks from dangerous wild animals.

54. Match the components of a clean home in P with their uses in M.



(a) rack drying of washed utensils

(b) latrine defecation and urination

(c) kitchen preparation of food

(d) compost pit proper disposal of rubbish

55. (a) What name is given to manufactured feeds of rabbits?

Pellets

(b) Give any two ways of caring for rabbits at home.

(i) By giving rabbits food.

(ii) By giving rabbits shelter.

(c) Mention any one quality of a good hutch.

A good hutch should have a wiremesh.

END