BROAD EXAMINATIONS®

P.5 INTEGRATED SCIENCE EXAMINATION

END OF TERM II 2024

Time allowed: 2 hours 15 minutes

Pupil's Name:.....

School Name: .....

District Name: .....

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 EXAMINERS' USE ONLY		
PAGES	**MARKS**	**SIGN**
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Teacher's comment to the learner

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Approved by:

Team Head Science Dept.

SECTION .A. (40 Marks)

1. Name any one type of soil.

2. Mention any one class of food which is not digested along the alimentary canal.

3. Give one way mad dogs are harmful to man.

4. State one way in which sunny weather is important to crop farmers.

5. Give a reason why farmers mulch their tomato gardens.

Below is a diagram of a passion fruit plant. Use it to answer question 6.

6. Name the structure marked **X** used in climbing.

7. How are broilers different from layers in terms of purpose for keeping them?

8. Musa's child has poor night vision. What advice do you give to Musa to help his child overcome that problem?

9. State the function of cotyledons in dicotyledonous seeds.

10. Mention any one example of fungi.

The diagram below shows a garden tool. Use it to answer question 11.

11. State the use of the above garden tool.

12. Mention any <u>one</u> cause of dehydration.

13. Write down <u>one</u> method used in controlling soil erosion in hilly areas.

14. Give <u>one</u> reason for putting windows at a lower level than ventilators on a house.

15. Which immunisable disease causes stiffness of muscles in infants?

16. Which form of energy makes water change into vapour?

17. State a reason why a coin sinks in water.

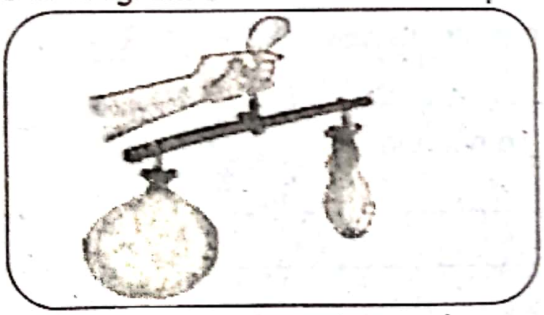
18. Which type of honey bees builds the honey combs?

19. How does keeping of poultry improve human diet?

20. Mention the liquid used in clinical thermometers.

21. What first aid can you give to a P.5 pupil who gets a scald on the foot?

Use the diagram below to answer question 22.



22. State the property of air shown above.

23. Mention <u>one</u> way babies acquire artificial immunity.

24. Mention any one living component of soil.

25. How does a chameleon protect itself from enemies?

26. What is germination?

27. Name the special food for the queen bee.

28. Give one item which can be used as litter in a poultry house.

29. Mention one item used in promoting oral hygiene.

30. Which scientific term is used to mean a substance that dissolves in a solvent?

31. In which part of a flower does fertilization take place?

32. Mention the type of teeth used to tear food.

33. State the advantage of cutting fingernails short.

34. Give a reason why stones and metals are called solids.

35. Mention any one way of controlling cassava mosaic disease.

36. State the importance of dustbins in a school compound.

37. Mention one advantage of cutting tall bushes around our homes.

38. In which way are vitamins useful in the human body?

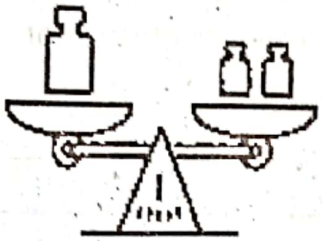
39. Why should human faeces be properly disposed in a latrine?

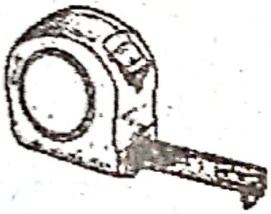
40. How is the reproduction of bacteria different from that of toadstools?

SECTION .B. (60 Marks)

41. The diagrams below show tools used in measurement. Name each of the instruments below.

(i) 

(iii) 

(ii) 

(iv) 

42. (a) Give any two components of soil apart from humus.

(i)

(ii)

(b) Which process leads to formation of humus?

(c) Give any one cause of soil exhaustion.

43. (a) Give two signs of malnutrition in children.

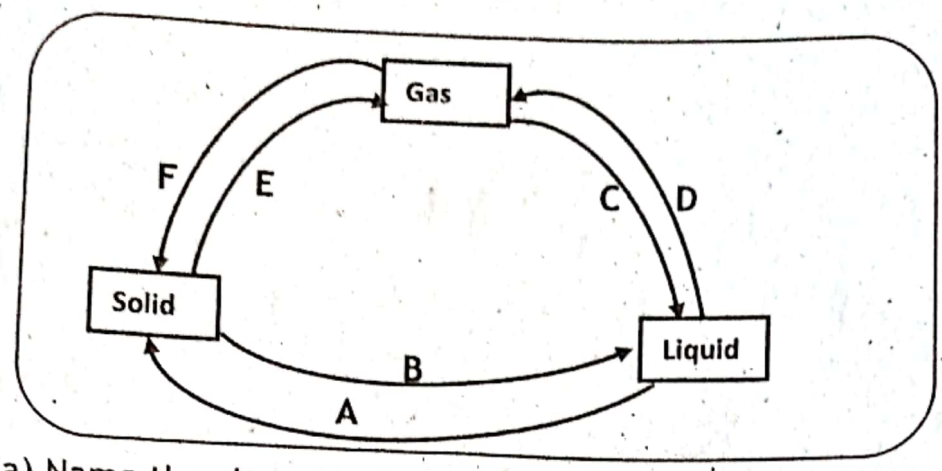
(i)

(ii)

(b) What advice can you give to a parent whose children show signs of malnutrition?

(c) Name one food that contains almost all food values.

Below is a diagram showing changes of state of matter. Use it to answer question 44.



44. (a) Name the changes of state of matter marked;

(i) B _____

(ii) F _____

(iii) D _____

(b) How is change marked C useful in the environment?

_____

_____

45. (a) Mention **two** systems farmers use to rear poultry.

(i) _____

(ii) _____

(b) State **one** importance of each of the following in a poultry house;

(i) litter

_____

(ii) perches

_____

Below is a table showing how farmers care for crops. Use it to answer question 46.

A	B	C	D
weeding	mulching	pruning	thinning

46. (a) Mention the practice above that removes weak crops from the garden.

_____

(b) Why is weeding important in caring for crops?

_____

_____

(c) Which practice from the table above reduces the rate of transpiration?

_____

(d) Mention **one** material used in mulching gardens.

_____

47. (a) How is female anopheles mosquito dangerous in the environment?

(b) Besides the anopheles mosquito, state <u>two</u> other types of mosquitoes.

(i)

(ii)

(c) How best can we prevent breeding of mosquitoes near our homes?

48. (a) What is photosynthesis?

(b) Give <u>two</u> raw materials for photosynthesis.

(i)

(ii)

(c) How do stomata help plants in carrying out photosynthesis?

49. Match immunisable diseases with their correct vaccines.

Disease	Vaccine
measles	Polio vaccine
tuberculosis	DPT vaccine
diphtheria	Measles vaccine
polio	BCG vaccine

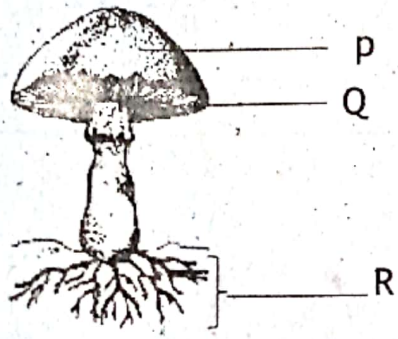
(i) measles

(ii) tuberculosis

(iii) diphtheria

(iv) polio

The diagram below shows a mushroom. Use it to answer question 50.



50. (a) Name the parts marked;

(i) **P**

(ii) **R**

(b) How is part marked **Q** important to a mushroom?

(c) Which class of food do we get from eating mushrooms?

_____

51. (a) Name <u>two</u> materials honey bees collect from the environment to make honey.

(i) _____

(ii) _____

(b) Which type of bees collect the materials you have mentioned above?

_____

(c) How is a queen excluder important in a bee hive?

_____

_____

52. (a) State <u>two</u> forms of energy produced by burning wood.

(i) _____

(ii) _____

(b) Mention the component of air that supports burning of wood.

_____

(c) Give <u>one</u> way of saving wood fuel at home.

_____

53. (a) Write down <u>two</u> PIASCY messages emphasized at school.

(i) _____

(ii) _____

(b) What does letter 'P' stand for in the word PIASCY?

_____

(c) Which communicable disease is prevented using PIASCY messages?

_____

54. (a) Mention <u>two</u> body organs located in the head.

(i) _____

(ii) _____

(b) Give any <u>two</u> ways human body organs can be maintained in good working conditions.

(i) _____

(ii) _____

55. **Match the following correctly;**

Weight	quantity of matter a body contains.
Mass	space occupied by an object.
Volume	mass per unit volume of a substance.
Density	force exerted by an object due to force of gravity

(i) Weight _____

(ii) Mass _____

(iii) Volume _____

(iv) Density _____

END