

B BROAD EXAMINATIONS®
P.5 INTEGRATED SCIENCE EXAMINATION
END OF TERM II 2024

Pupil's Name: Time allowed: 2 hours 15 minutes

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

Approved by:

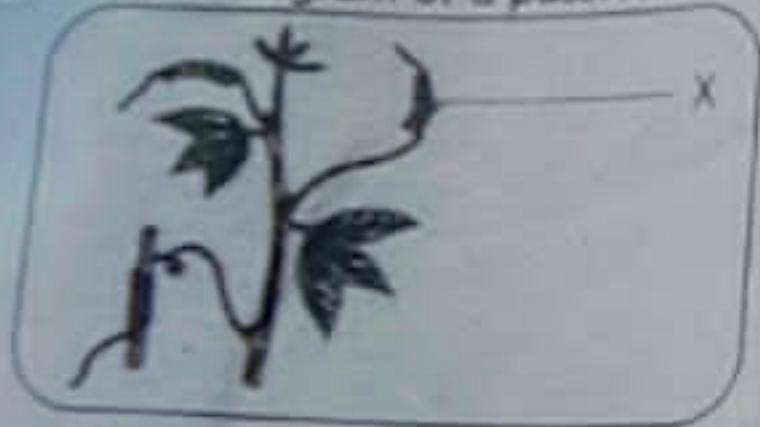
Amosah

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 why 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?

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

State the function of cotyledons in dicotyledonous seeds.

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 one cause of dehydration.

13. Write down one method used in controlling soil erosion in hilly areas.

14. Give one reason for putting windows at a lower level than ventilators on

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 one 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?

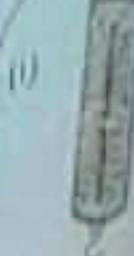
Q. Why should human faeces be properly disposed in a latrine?

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

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

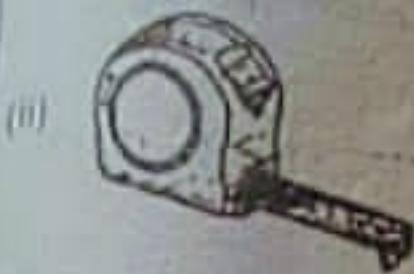
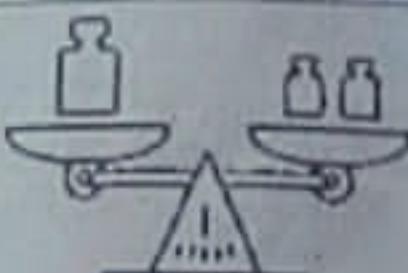
SECTION B. (60 Marks)

instruments below.



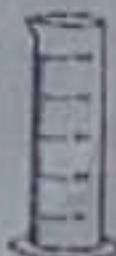
(i)

(iii)



(ii)

(iv)



Q. (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.

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

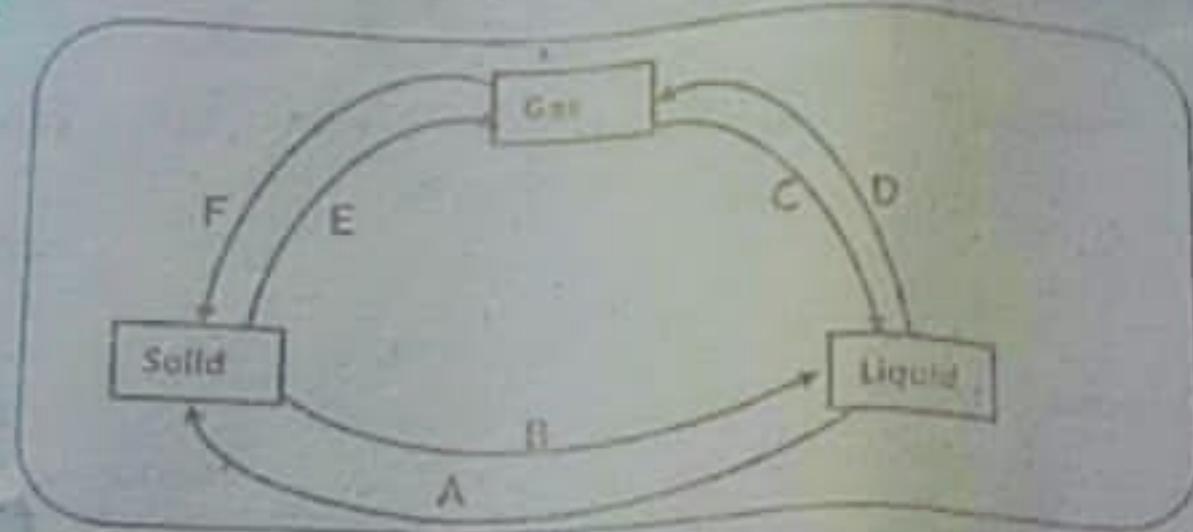
(i)

(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,

- (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

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 two 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 two 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

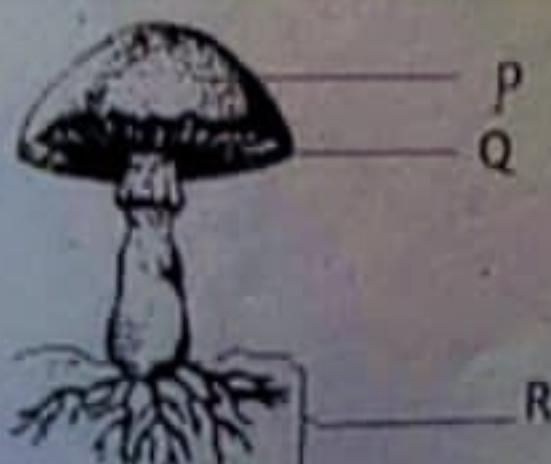
(i) measles _____

(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 two 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?
2. (a) State two forms of energy produced by burning wood.
- (i) _____
(ii) _____
- (b) Mention the component of air that supports burning of wood.
- (c) Give one way of saving wood fuel at home.
- (a) Write down two 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?
- (a) Mention two body organs located in the head.
- (i) _____
(ii) _____
- (b) Give any two ways human body organs can be maintained in good working conditions.
- (i) _____
(ii) _____

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