

BROAD EXAMINATIONS®

P.4 INTEGRATED SCIENCE EXAMINATION
MID - TERM II 2023

BROAD
EDUCATIONAL CONSULT

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 EXAMINER'S 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:

Agnes Akoko

Team Head Science Dept.

SECTION .A. (40 Marks)

1. Apart from tooth brush, name any one other tool used when cleaning teeth.
2. Give any one way of preparing food for eating in a home.
3. Write down any one characteristic of living things.
4. State any one importance of transpiration to plants.
5. Which type of soil is used for making pots?
6. Give any one way of protecting water from contamination.

7. What name is given to the female part of a flower?

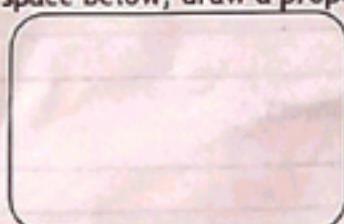
The diagram below shows an object made out of sisal. Use it to answer question



8. How useful in a home is the object drawn above?
9. Give any one raw material of photosynthesis.
10. Mention any one method used in sowing seeds.
11. Name the hardest part of the human tooth.
12. State the use of a dog in a home.
13. Name any one thing used to collect rain water for domestic use.
14. Give any one way of caring for crops in the garden.

15. Give any one way of saving electricity in a home.

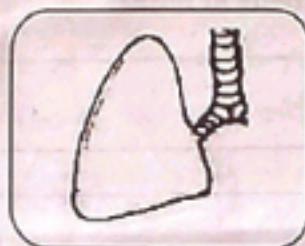
16. In the space below, draw a property of air " Air has weight"



17. State one advantage of harvesting crops during the dry season.

18. Mention any one process in the water cycle.

The diagram below shows a body organ. Use it to answer question 19.



19. In which region of the human body is the above organ found?

20. Give any one way farmers control pests in the garden.

21. State a reason for oiling metallic garden tools before keeping them.

22. Name the highest cloud in the sky.

23. Give any one importance of mulching a tomato garden.

24. Name any one source of carbohydrates apart from sweet potatoes.

25. Name the commonest method of preserving fish.

26. Give any one example of man made changes in the environment.

27. State the reason for building houses for domestic animals.

28. Give any one characteristic of insect pollinated flowers.

Use the diagram of a component of the environment below to answer question 29.



29. How is the above component of the environment useful at night?

30. In which one way are bees harmful to children?

31. Give any one way sandy soil is useful to people.

32. Name the human body organ used for hearing.

33. Name the vector that spreads diarrhoea in a community.

34. Mention any one function of proteins in our bodies.

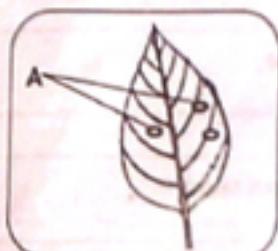
35. Apart from heading a family, state any other role of a father in a nuclear family.

36. State the best way of preventing deficiency diseases among children.

37. Give any one component of a clean home.

38. How is a razorblade useful in promoting personal hygiene?

The diagram below shows a plant leaf. Use it to answer question 39.



39. Name the part of the leaf marked A.

40. Name any one example of dicotyledonous seeds.

SECTION .B. (60 Marks)

41. (a) Name the type of teeth used for tearing food.

(b) State any two regions of the human tooth.

(i) _____

(ii) _____

(c) Give any one way of caring for the human teeth.

42. The diagram below shows a human body. Use it to answer questions that follow.



(a) Name the regions of the human body marked;

(i) A _____

(ii) C _____

(b) Name any one human body organ located in region B.

(c) Give the function of part marked D to the human body.

43. (a) Which part of a bean seed develops into the;

(I) root system? _____

(II) shoot system? _____

(b) State the function of the cotyledon to a bean seed.

(c) What type of germination do bean seeds undergo?

44. (a) Mention any two natural habits of animals in the environment.

(i) _____

(ii) _____

(b) Name any two examples of animals that move by flying in air.

(i) _____

(ii) _____

45. Write down any four uses of plants to people.

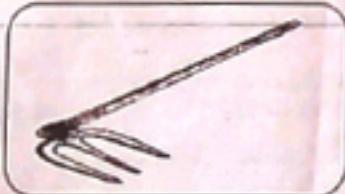
(I) _____

(ii) _____

(iii) _____

(iv) _____

46. The diagram below shows a garden tool. Use it to answer questions that follow.



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

(b) How useful is the garden tool in the diagram above?

(c) Name any one other garden tool you know.

(d) Give any one way of caring for garden tools.

47. (a) State any two ways how food gets contaminated.

(i) _____

(ii) _____

(b) Name any one disease that we can get from eating contaminated food.

(c) Name any one item in a home that can keep cooked food safely.

(i) sisal _____

(ii) straws _____

(b) Apart from sisal, name any two other natural materials that are used in craft industry.

(i) _____

(ii) _____

49. (a) What is leaf venation?

(b) Give any two types of leaf venation.

(i) _____

(ii) _____

(c) Which part of a leaf attaches it to a branch or stem?

50. In the table below, draw these parts of the human body.

eyes	legs	head	hands

51. (a) Name any two sources of water in the environment.

(i) _____

(ii) _____

(b) Mention any two uses of water in a home.

(i) _____

(ii) _____

4) Give two classes of food that give us energy.

- (i) _____
(ii) _____

(b) What name is given to a meal that contains all food values in their correct amounts?

(c) Why is milk said to be a complete food?

53. (a) Why do we wash hands after visiting a latrine?

(b) Name any two materials used in washing hands after visiting the latrine.

- (i) _____
(ii) _____

(c) Apart from washing hands, give any other activity of personal hygiene.

54. (a) Name the young one of each of the following domestic animals;

- (i) Sheep _____
(ii) cow _____

(b) Give any two reasons why people keep domestic animals.

- (i) _____
(ii) _____

55. Match the following correctly.

A

Weeding

- covering soil with dry plant materials.

Thinning

- removal of excess similar plants from garden.

Pruning

- removal of unwanted plants from garden.

Mulching

- cutting of excess leaves or branches on a plant.

(a) Weeding _____

(b) Thinning _____

(c) Pruning _____

(d) Mulching _____

B

END