



BROAD EXAMINATIONS®
P.5 INTEGRATED SCIENCE EXAMINATION
MID - TERM III 2023

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

Approved by:

Argonide.

Team Head Science Dept.

SECTION .A. (40 Marks)

1. Write down any one example of physical changes.

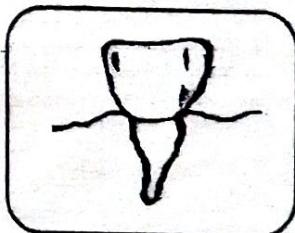
2. Mention any one way germs enter our bodies.

3. State the use of a sponge while bathing.

4. Name the force that pulls objects thrown in air downwards.

5. Mention any one advantage of living in an extended family.

Use the diagram of a tooth below and answer question 6.



6. Name the tooth shown above.

7. In which any one way are swamps useful to people in a community?

8. Name any one exotic breed of goats kept for milk production.

9. Give a reason why oxygen can't be used in fire extinguishers.

10. Give any one way of preserving meat in a local home.

11. Name the injury caused by direct contact with steam from hot food.

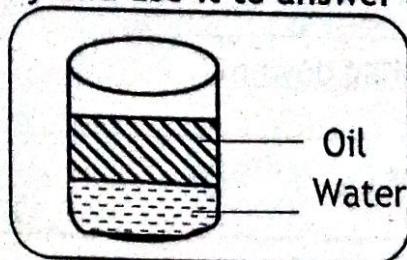
12. Mention the function of kidneys in the human body.

13. What does the term **bush fallowing** mean as used in improving soil fertility?

14. Write down the use of secateurs in caring for crops.

15. In which one way can pupils control diarrhoeal diseases at school?

The diagram below shows a container in which oil and water were put and left to settle. Study and use it to answer question 15.



16. Why did oil settle on top of water?

17. Why is docking an important practice in sheep rearing?

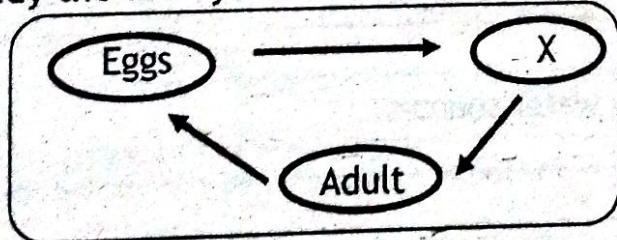
18. Give one reason why medicine and poison bottles should be kept where children cannot reach.

19. In which one way is food useful to the body?

20. Why is contour ploughing encouraged in hilly areas?

21. Name the part of air used by plants to make food.

Study the life cycle of an insect and answer question 22.



22. Name the stage marked X.

23. Suggest a reason why people should not open soda bottles with teeth.

24. In which way is moulting an important process in insects and snakes?

25. State the function of hydrochloric acid found in the human stomach.

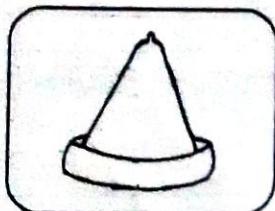
26. Mention any one disease spread by aedes mosquito.

27. Name the type of energy possessed by a rock rolling downhill.

28. How does draining stagnant water help to control mosquitoes?

29. Mention any one natural change caused by too much rainfall in the environment.

Use the diagram below of a tool used on a poultry farm and to answer question 30.



30. Name the tool in the diagram above.

31. State the property of air that enables crop farmers to spray their crops using a knapsack sprayer.

32. Write down any one weather condition that increases the rate of transpiration in plants.

33. How does yeast reproduce?

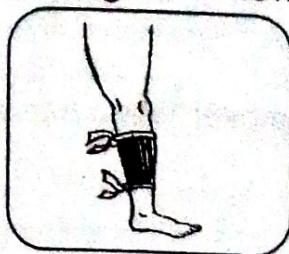
34. In which one way are cassava roots useful to people?

35. Give any one way of protecting community water sources.

36. Why do most farmers prefer keeping exotic breeds of domestic animals?

37. How do hookworms enter the human body?

Use the diagram below to answer question 38.



38. Name the injury shown.

39. Why is an Irish potato called a stem tuber?

40. Name any one agent of soil erosion.

SECTION .B. (60 Marks)

41. (a) Give any two characteristics of chemical changes in the environment.

(i) _____

(ii) _____

(b) Mention any one example of biological changes in animals.

(c) Write down any one man made change that conserves the environment.

42. (a) Write down any two uses of electricity at home.

(i) _____

(ii) _____

(b) Why should electricity be switched off after using it?

(c) Apart from electricity, name any one other source of energy used in a home.

43. Batah's child is showing the following signs;

- Swollen hands - Little brown hair - Swollen abdomen

(a) What disease is Batah's child likely to be suffering from?

(b) What advice can you give to Batah?

(c) Name any two foods Batah should feed her child on.

(i) _____

(ii) _____

44. (a) Apart from a smoker, name two other tools needed during honey harvesting.

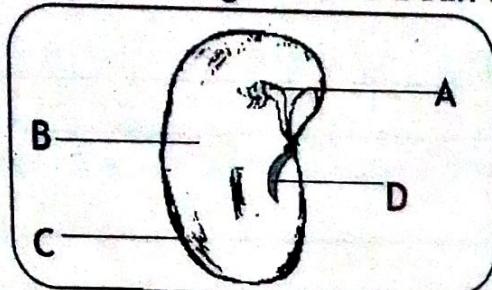
(i) _____

(ii) _____

(b) In which one way is a smoker useful during honey harvesting?

(c) Name one local material that can be used in place of a smoker when harvesting honey.

Study the diagram of a bean seed below and answer question 45.



45. (a) Name parts marked;

(i) A _____

(ii) C _____

(b) How is part B useful to a bean seed during germination?

(c) What does part D develop into after germination?

46. (a) Name the method of finding the volume of irregular objects.

(b) Give any two materials used in finding volume of irregular objects.

(i) _____

(ii) _____

(c) Why is it hard to use the method you have named in (a) above to find volume of a dry piece of wood?

47. (a) How are the following items useful at home;

(i) mortar?

(ii) ladle?

(b) Name one local material that can be used to make a;

(i) mortar.

(ii) pot.

48. (a) Mention any two ways diarrhoeal diseases spread in a community.

(i)

(ii)

(b) State the immediate effect of diarrhoeal diseases on the human body.

(c) How can you as an individual avoid contracting diarrhoeal diseases?

49. (a) What is pollination?

(b) State any two characteristics of flowers pollinated by insects.

(i)

(ii)

(c) Name any one insect that pollinates flowers at night.

50. (a) Write down any two activities done at home that uses water.

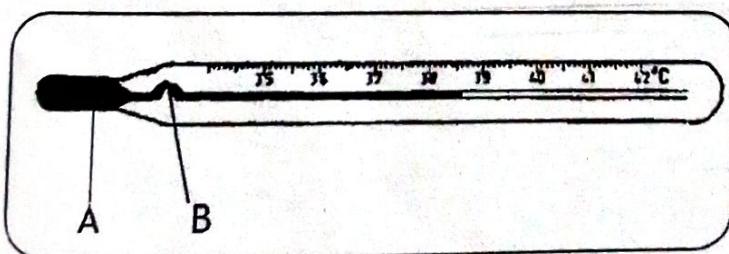
(i)

(ii)

(b) State the main source of water in the environment.

(c) Mention any one way collected water can get contaminated at home.

The diagram below shows a thermometer. Use it to answer question 51.



51. (a) What type of thermometer is shown in the diagram above?

(b) Name the part marked A.

(c) How is part B useful in the use of a thermometer?

(d) Name any one part on the body where the above thermometer is put when taking temperature.

52. (a) Write down any two advantages of mulching the garden.

(i) _____

(ii) _____

(b) Mention any one material used as mulches.

(c) Why should plant mulches be dry enough before using them?

53. (a) How are latrines important in promotion of sanitation in a community?

(b) How can we keep latrines clean at home?

(c) Mention any two dangers of poor sanitation in a community.

(i) _____

(ii) _____

54. (a) Mention any two similarities between bacteria and fungi.

(i) _____

(ii) _____

(b) Give any two importance of bacteria in the environment.

(i) _____

(ii) _____

55. Match the weather instruments with their uses.

Wind sock measures air pressure

Barometer measures rainfall

Anemometer shows strength of wind

Rain gauge measures speed of wind

(i) Wind sock _____

(ii) Barometer _____

(iii) Anemometer _____

(iv) Rain gauge _____

END