



BROAD EXAMINATIONS®

P.5 INTEGRATED SCIENCE EXAMINATION

MID - TERM III - 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

Approved by:

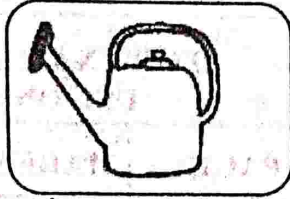
[Signature]

Team Head Science Dept.

SECTION .A. (40 MARKS)

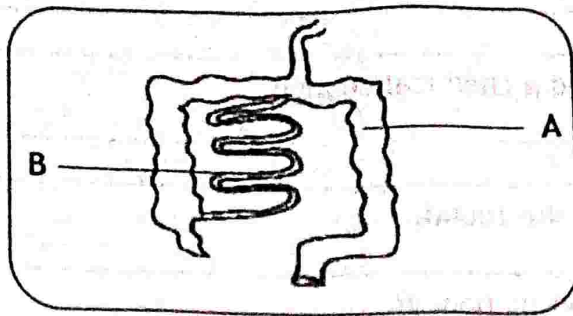
1. Mention any one example of biological changes in animals.
2. State one reason why people should put out fire after cooking food.
3. Give any one food stuff preserved by sun drying.
4. How do vaccines improve human immunity?
5. Name the sense organ for tasting.

The diagram below shows a garden tool. Use it to answer question 6.



6. Name the garden tool shown above.
7. In which way is the liver useful in the digestive system?
8. State the role played by chlorophyll in photosynthesis.
9. Give any one reason why people keep goats in their homes.
10. Why is it not good to drive vehicles while drunk?
11. Mention the element of weather that increases temperature in the environment.
12. State the reason why materials such as wood are used to make handles of cooking utensils.
13. Mention one advantage of living in a nuclear family.
14. Which diarrhoeal disease is caused by salmonella typhi?
15. State the importance of sorting seeds before sowing them.

The diagram below shows part of the alimentary canal. Use it to answer questions 16 and 17.



16. State the important process that occurs in part marked A.

17. How is part B adapted to absorbing digested food?

18. Give any one source of food in the environment.

19. State the use of a microscope in the study of science.

20. How are stomata on leaves similar to spiracles of an insect?

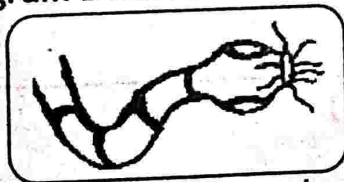
21. Mention any one item found at home that is made out of clay.

22. In which way are nitrogen fixing bacteria useful in the environment?

23. State any one human body organ found in the chest region.

24. Give any one way PIASCY messages help to prevent HIV/AIDS among schoolchildren.

The diagram below shows an intestinal worm. Use it to answer question 25.



25. Name the intestinal worm shown above.

26. Write down any one sign of kwashiorkor in young children.

27. State the best season for planting seeds.

28. How is a ladle useful at home?

29. Give the reason why burning is called a chemical change.

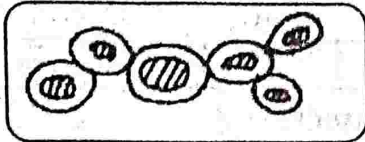
30. Mention any one place where germs are found.

31. Which food value is obtained from eating honey?

32. Mention the breed of sheep kept for wool production.

33. In which one way are tendrils useful to passion fruits?

The diagram below shows a mode of reproduction. Use it to answer question 34.



34. Which mode of reproduction is shown above?

35. Name any one living organism that reproduces by the above mode.

36. Mention any one way vectors spread diseases to people.

37. Give any one way of caring for wild animals.

38. State any one function of root hairs to a plant.

39. Name the method of keeping and feeding domestic animals like goats in houses.

40. State any one advantage of thinning annual crops.

SECTION .B. (60 MARKS)

41. (a) Mention any two things at home that use electricity.

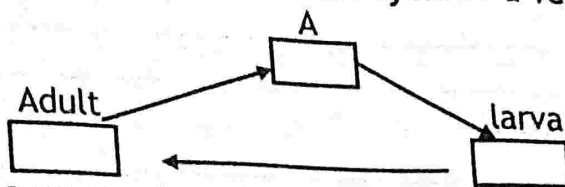
(i) _____

(ii) _____

(b) Give any one danger of electricity at home.

(c) State any one way electricity bills can be reduced at home.

The diagram below shows a lifecycle of a vector. Use it to answer question 42.



42. (a) Name one vector whose life cycle is shown above.

(b) Identify the stage marked A.

(c) What type of lifecycle is shown above?

(d) Mention any one way of controlling the vector you have named in (a) above.

43. (a) Mention the type of soil that have;

(i) poor water holding capacity

(ii) poor aeration

(b) State any two ways of improving soil fertility.

(i)

(ii)

44. (a) State any two local breeds of goats kept in Uganda.

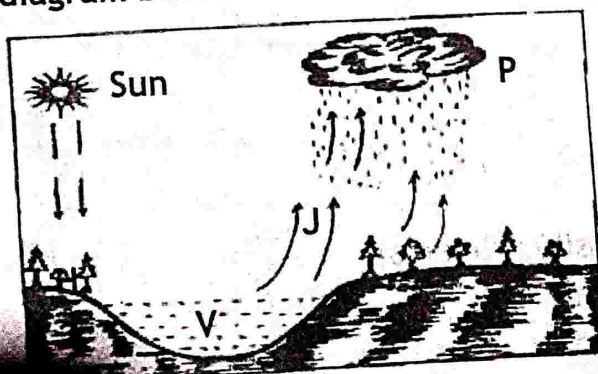
(i)

(ii)

(b) Give one reason why farmers prefer keeping local breeds of goats.

(c) How is regular deworming important in caring for goats?

The diagram below shows a natural process. Use it to answer question 45.



es the above diagram show?

(b) Name the physical processes marked;

(i) J _____

(ii) P _____

(c) How is the sun useful in the above process?

46. (a) State any two items used in cleaning our bodies.

(i) _____

(ii) _____

(b) State any one indicator of a dirty home.

(c) Suggest a reason why it's not good to have a dirty home.

47. (a) Give any one quality of a good hutch.

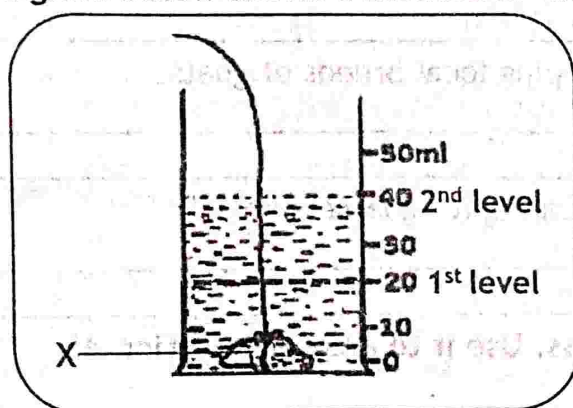
(b) What name is given to manufactured feeds of rabbits?

(c) State any two ways of controlling diseases on a rabbit farm.

(i) _____

(ii) _____

The diagram below shows a method of finding volume. Use it to answer question 48.



48. (a) Find the volume of object X.

(b) If object X has mass of 120g, find its density. (2marks)

(c) Why does object X settle at the base of the container?

49. (a) Mention two human activities that destroy the environment in the area around you.
(i) _____
(ii) _____
(b) Give any one bad effect of human activities in the environment.

(c) Mention any one activity farmers do to control soil erosion.

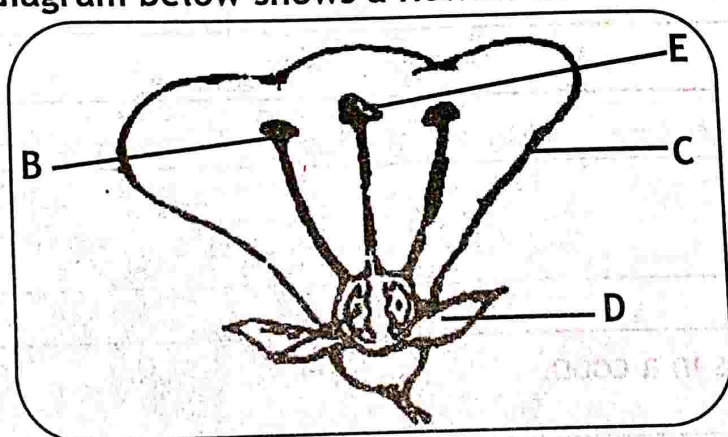
50. (a) What set of teeth develops last in humans?

(b) State the function of the following types of teeth;
(i) incisors

(ii) premolars

(c) Why is it not good to open soda bottles with teeth?

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



51. (a) Name part marked D.

(b) State the function of part marked E during pollination.

(c) How is part marked C adapted to its function?

(d) Which type of pollination occurs in the flower above?

52. (a) By what process does heat from the sun reach the earth?

(b) Which part of a thermos flask preserves heat by conduction?

(c) State any two effects of heat gain on metals.

(i) _____

(ii) _____

53. (a) Which element of sanitation helps to ensure proper disposal of human wastes?

(b) State any one disease that results from poor sanitation.

(c) Mention any two ways of preventing diseases that result from poor sanitation.

(i) _____

(ii) _____

54. Match the things used in giving first aid with their uses.

cotton wool

dressing the wound

gauze

holding broken bones in one position

safety pin

cleaning the wound

splints

holding the bandage

(i) cotton wool

(ii) gauze

(iii) safety pin

(iv) splints

55. (a) Name any two vices in poultry.

(i) _____

(ii) _____

(b) Give any one cause of poultry vices in a coop.

(c) How best can poultry vices be controlled among birds in a coop?

END