



OUTREACH SCHOOLS EXAMINATIONS BOARD

BEGINNING OF TERM III EXAMINATION 2023

P.5 INTEGRATED SCIENCE

Time Allowed: 2 hours 15 Minutes

Pupil's Name:

Class:

School Name:

Read the following instructions carefully:

1. This paper has two sections: **A** and **B**
2. Section **A** has 40 questions (40 marks)
3. Section **B** has 15 questions (50 marks)
4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
5. All working must be done using a blue or black ball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated
“For examiners’ use only” and the boxes inside the question paper.

FOR EXAMINERS’

USE ONLY

| Qn. No. | MARKS | EXR’S No. |
|---------|-------|--------------|
| 1 - 10 | | |
| 11 - 20 | | |
| 21 - 30 | | |
| 31 - 40 | | |
| 41 - 43 | | |
| 44 - 46 | | |
| 47 - 49 | | |
| 50 - 52 | | |
| 53 - 55 | | |
| TOTAL | | |

SECTION A.

1. Name the domestic animal that guards our homes.

2. Give **one** way of controlling soil erosion in hilly areas.

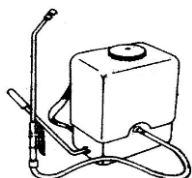
3. Write **one** danger of growing crops near anthills.

4. Why do we save resources at home?

5. State **one** mineral salt needed for strong bone formation.

6. What happens to salt when it is put in water?

7. Give the function of the tool below on a crop farm.



8. How are hooks useful to a tape worm?

9. Write the importance of hydrochloric acid in the stomach.

10. State **one** danger of potholes on a road.

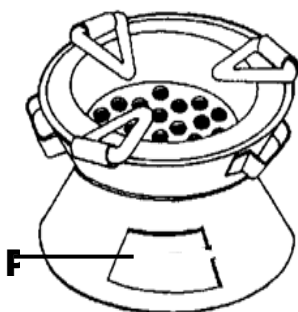
11. Give **one** effect of polio to an individual.

12. Why is burning of rubbish not a good practice to the environment.

13. How do people benefit from having regular physical exercises?

14. Which part of a worker bee enables it to carry pollen?

The diagram below is of a common stove. Use it to answer question 15 and 16.



15. Identify the fuel used in the above stove.

16. How is hole marked **P** useful to the stove above?

17. Give **one** way of separating mixtures.

18. Name the common liquid used to make ORS.

19. Which part of an Irish potato is eaten by people?

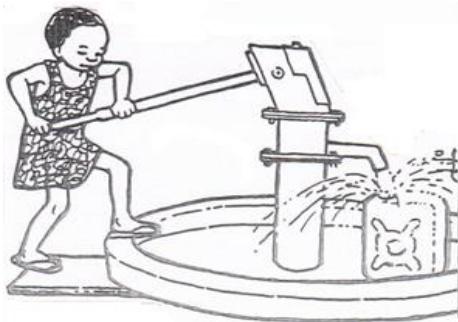
20. How does a chameleon protect itself?

21. Give the use of a rope to a goat farmer.

22. What should one consider when selecting seeds or other materials for planting?

23. What is the role of chlorophyll during the process of photosynthesis?

24. Identify the water source shown below.



25. Give **one** sign of poor sanitation in a home.

26. Why do health workers wipe thermometers using spirit after using them?

27. Which method of preserving food involves the use of slow burning fire?

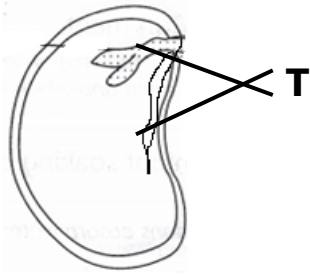
28. Name the animal product we use to make drums.

29. Why does cooking oil settle on top of water when put in the same container?

30. What is a habitat?

31. Write any **one** method of extracting honey.

The diagram below shows a bean seed.

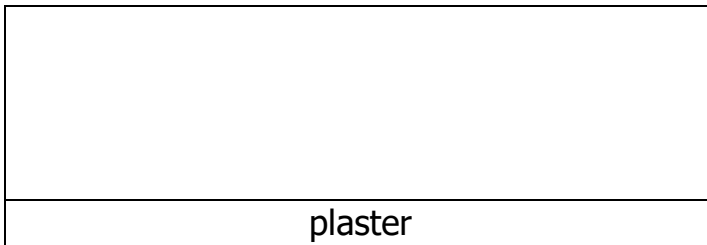


32. Name part marked **T** on the diagram above.

33. Give **one** importance of swamps in our environment.

34. Why should fruits be washed before eating them?

35. Draw this item we use to give first aid to casualties.



36. Which type of teeth is responsible for cutting food?

37. Identify **one** place at school that can be cleaned by scrubbing.

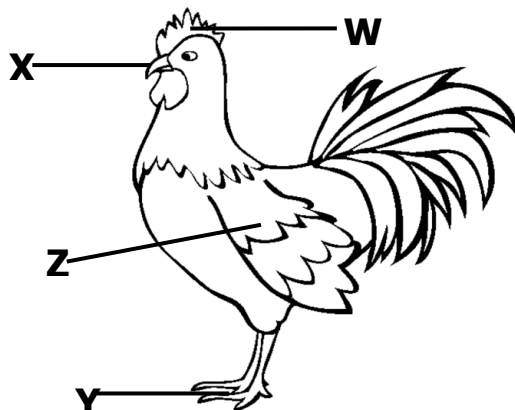
38. Give **one** way of finding the volume of an object.

39. Name **one** breed of rabbits kept in Uganda.

40. How is water important to a germinating seed?

SECTION B:

The diagram below shows a bird. Use it to answer question 41.



41. (a) Name the parts marked **W** and **Y**.
 (i) **W** _____
 (ii) **Y** _____
 (b) How are the following parts useful to a bird?
 (i) **X** _____
 (ii) **Z** _____
42. (a) Give **one** example of useful fungi in our environment.

 (b) How do most fungi reproduce?

 (c) Why can't fungi make their own food?

 (d) Name **one** fungal disease that attacks people.

43. The information below was collected by teachers during a health parade.

| Pupils | Bathing | Brushing teeth | Washing the face |
|---------|---------|----------------|------------------|
| Pupil U | x | ✓ | ✓ |
| Pupil W | ✓ | ✓ | ✓ |
| Pupil X | x | ✓ | x |
| Pupil Z | x | ✓ | ✓ |

Key:

x - activity not done ✓ - activity done

- (a) Identify the activity which was done by all pupils.

- (b) Which activity did most pupils miss?

- (c) Who of the four pupils above had the best personal hygiene?

- (d) Give **one** other activity that can be included on the table above.

44. (a) Write **one** food stuff under the following.
 (i) Animal proteins

 (ii) Plant proteins

- (b) How are proteins important in our bodies?

- (c) Give **one** danger of poor feeding to people.

45. (a) Name **one** root tuber that is propagated using stem cutting.

(b) Write any **two** pests that attack root crops in the garden.

(i) _____

(ii) _____

(c) Why do people in Uganda grow root crops?

46. (a) Which gas occupies the lowest percentage in the atmosphere?

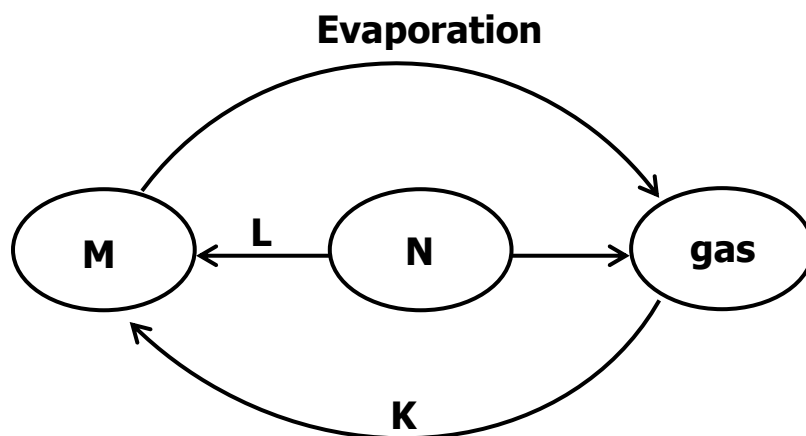
(b) Apart from the above gas, write **two** other gases in air.

(i) _____

(ii) _____

(c) Give **one** human activity that requires moving air.

The diagram below shows changes in states of matter. Use it to answer question 47.



47. (a) Name the physical processes marked **K** and **L**.

(i) **K** _____

(ii) **L** _____

(b) Identify any **one** object that exists in the state of matter marked **N**.

(c) Which form of energy is needed for processes **L** to take place?

48. (a) Give **two** effects of accidents to people.

(i) _____

(ii) _____

(b) How can you prevent burns at home?

(c) Give **one** way we can manage an accident at home.

49. Match the items in list A to those in list B correctly.

List A

- (a) Vaccination
- (b) Debeaking
- (c) Providing perches
- (d) Cross breeding
- (i) Vaccination
- (ii) Debeaking
- (iii) Providing perches
- (iv) Cross breeding

List B

- improves breeds of birds.
- controls poultry diseases.
- provides exercises to birds.
- controls egg eating.

50. (a) Write Human Immunodeficiency Virus in short.

(b) Which disease is caused by Human Immunodeficiency virus?

(c) Give **one** way you would care for a person with the above disease.

(d) How can a P.5 pupil avoid getting the above disease?

51. (a) Identify any **two** projects that can be done by P.5 pupils at school.

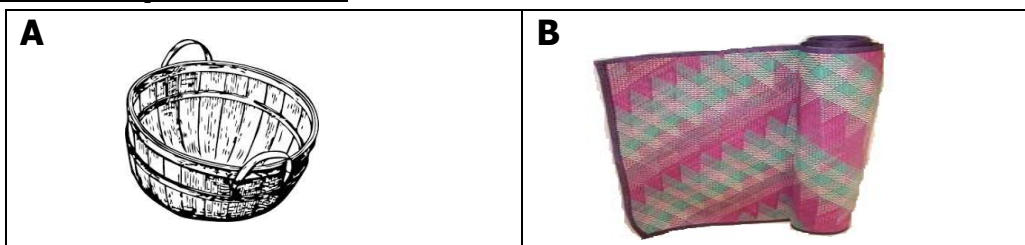
(i)

(ii)

(b) Why should a school have projects like those you have mentioned above?

(c) Write any **one** thing needed to start a project at school.

The diagrams below show things people make at home. Use it to answer question 52.



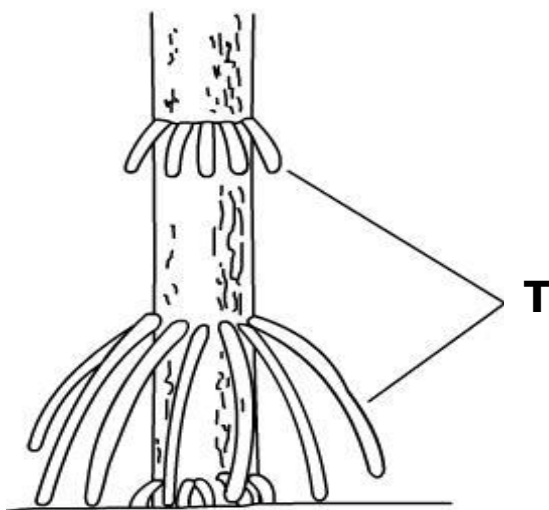
52. (a) Name item marked **A** above.

(b) Write **one** material used to make item **B**.

(c) State **one** place in the environment where material for making item B can be got.

- (d) Why do people make item marked **A** at home?
-
53. (a) Name the part of the alimentary canal where;
- (i) digestion ends _____
- (ii) water is absorbed _____
- (b) Write **one** disorder of the digestive system.
-
- (c) Give **one** way of keeping the digestive system in good working condition.
-
54. (a) Write **two** elements of weather.
- (i) _____
- (ii) _____
- (b) State **one** way of managing rainy weather.
-
- (c) Why do most farmers harvest their seeds during the dry season?
-

The diagram below shows part of a plant. Use it to answer question 55.



55. (a) Name the roots marked **T** above.
-
- (b) How are the roots you have named above useful to the plant?
-
- (c) Write **two** plants that develop the above roots.
- (i) _____
- (ii) _____

***** **END** *****