



OUTREACH SCHOOLS EXAMINATIONS BOARD

END OF TERM II EXAMINATION 2023

P.5 INTEGRATED SCIENCE

Time Allowed: 2hours 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.

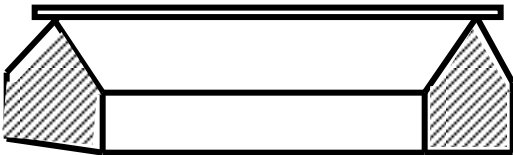
1. Name **one** component of soil.

2. Give **one** danger of eating half cooked meat.

3. Write **one** way a P.5 pupil can care for his / her teeth.

4. Why are casualties given first aid?

5. How is the item below useful on a poultry farm?



6. State any **one** way of managing rainy weather.

7. What are annual crops?

8. Why is it important to raise a rabbit hutch above the ground?

9. Name any **one** fuel used at home.

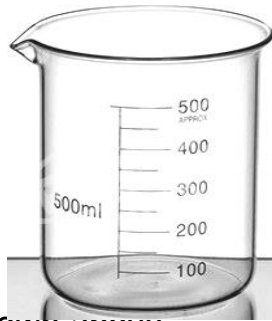
10. Give any **one** sign of malnutrition.

11. State any **one** activity we can carry out on a crop farm during the wet season.

12. Give **one** sign of a crop affected by diseases.

The diagram below shows an item used by P.5 pupils to learn measurements.

Use it to answer questions 13 and 14.



13. Name the item shown above.

14. How is the above item useful to a P.5 class?

15. Which food value do we get from eating cassava?

16. Give **one** way of controlling and preventing poisoning at home.

17. Write **one** Project that P.5 pupils can carry out at school.

18. State any **one** importance of a nursery bed to a farmer.

19. Give any **one** way in which people can control the spread of malaria at home.

20. How is a dustbin useful in a classroom?

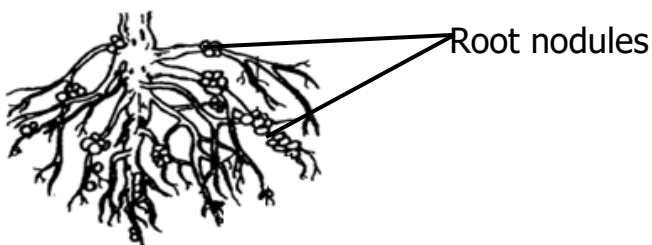
21. Name **one** disease that can lead to diarrhoea.

22. Give **one** way of keeping food free from germs.

23. State any **one** way people can use shadows during the day.

24. Name any **one** Immunisable disease caused by a virus.

The diagram below shows a root system. Use it to answer questions 25 and 26.



25. Identify the root system shown above.

26. Give any **one** sign of a sick rabbit.

27. In the space provided below, draw the road sign.



28. How can family members care for a sick person at home?

29. State any **one** human activity that can damage soil.

30. How does a chameleon protect itself?

31. State the behaviors of a stone when thrown in water.

32. Give any **one** way in which you can keep your school clean.

33. State any **one** danger of wind to people.

34. Give **one** importance of kidneys in the human body.

35. What type of germination do beans undergo?

36. Identify any **one** natural change.

37. How are ventilators useful on a house?

38. Give **one** danger of sharing a house with domestic animals.

39. How can rabbit keepers control diseases on their farms?

40. How is a weather thermometer useful at a weather station?

SECTION B:

41. (a) Give **one** cause of accidents at school.

(b) State any **two** effects of accidents to people.

(i) _____

(ii) _____

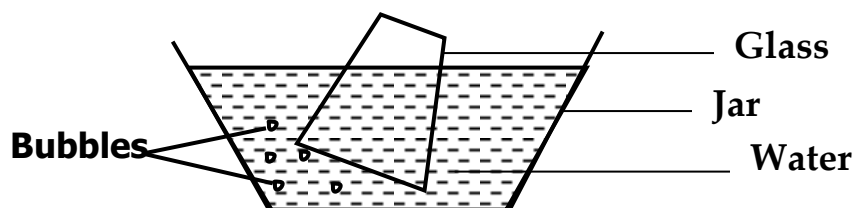
(c) What first aid can you give to a friend whose arm has been burnt?

42. (a) Name any **two** components of air.

(i) _____

(ii) _____

(b) Identify the property of air shown below.



(c) Apart from the above property, write **one** other property of air.

43. (a) **Match the tools to their uses correctly.**

Garden fork transporting harvested crops

Trowel digging hard ground

Wheel barrow turning manure

Forked hoe transplanting seedlings

a) Garden fork _____

b) Trowel _____

c) Wheel barrow _____

d) Forked hoe _____

44 (a) Name any **two** deficiency diseases.

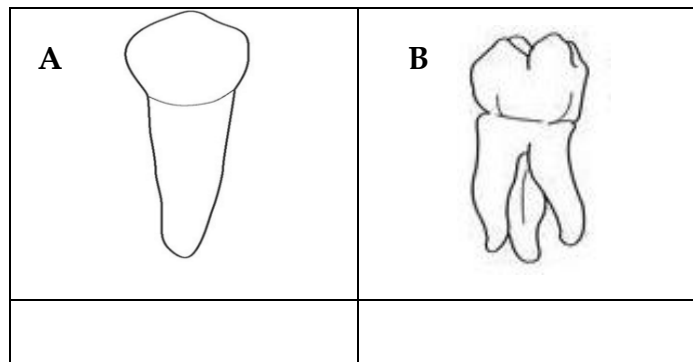
(i) _____

(ii) _____

(b) How can deficiency diseases be prevented and controlled in our community?

(c) Why are deficiency diseases grouped under non-communicable diseases?

45. **The diagram below shows two types of teeth. Study and use it to answer the questions that follow.**



(a) Name the tooth marked **A** and **B**.

(i) **A** _____ (ii) **B** _____

(b) Give the function of tooth marked **B**.

(c) How many teeth make up the milk set?

46 (a) What name is given to a group of plants that bear flowers?

(b) Which part of a flower is responsible for;

(i) producing pollen grains? _____

(ii) attracting pollinators? _____

(c) To which plant system do flowers belong?

47 (a) Write any **one** way in which vectors spread germs.

(b) Name any **two** insects that can carry germs to our food.

(i) _____

(ii) _____

(c) Give **one** way of controlling vectors at home.

48 (a) Name the part of the alimentary canal where digestion begins.

(b) Write **two** organs that produce digestive juices.

(i) _____

(ii) _____

(c) State any **one** way of keeping the digestive system in a good working condition.

49 (a) Give **one** agent of soil erosion.

(b) How is soil erosion dangerous to soil?

(c) Identify **two** ways of controlling soil erosion.

(i) _____

(ii) _____

50 (a) Write **one** type of cloud.

(b) Give **one** way clouds affect the environment.

(c) In what units is rainfall measured?

(d) How is the sun important in the water cycle?

51a) Write SSS in full.

(b) Why is SSS given to patients with diarrhoea?

(c) How are the following components of SSS important to patient?

(i) salt _____

(ii) Water _____

52 (a) State any **one** difference between mass and weight.

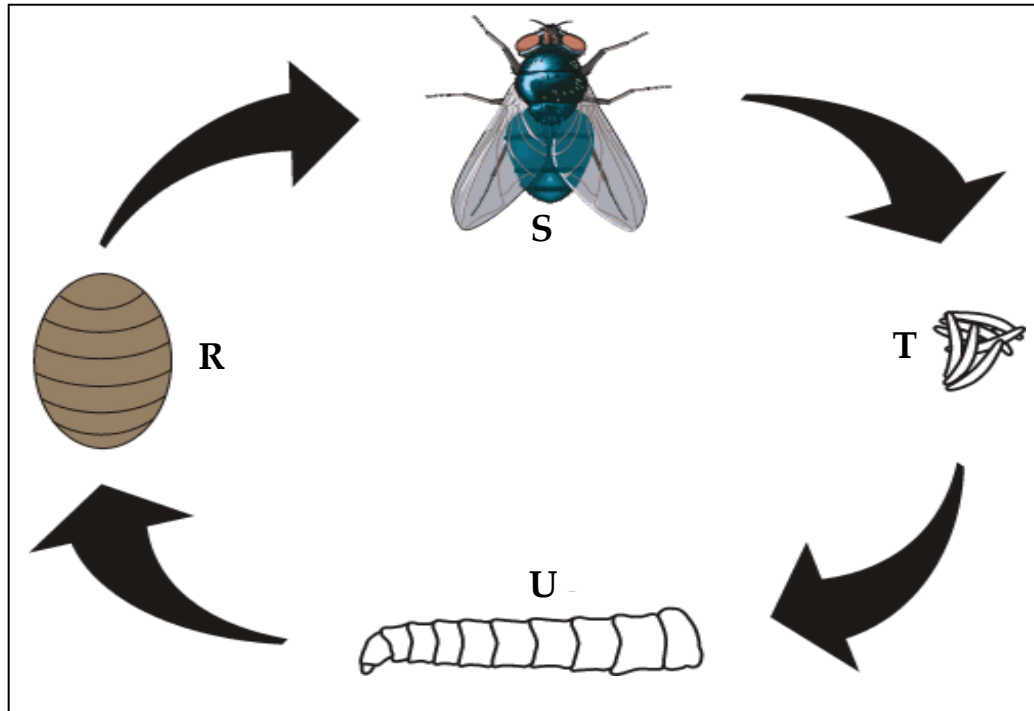
(i) _____

(ii) _____

(b) Calculate the density of an object whose mass is 60g and volume of 15cm³.

(c) Give any **one** way harvested water can get contaminated

The diagram below shows a life cycle of a housefly. Use it to answer questions 53.



53 (a) Name the type of life cycle shown above.

(b) Name the stages marked **S** and **T**.

(i) **S** _____ (ii) **T** _____

(c) Which of the above stages is able to fly?

54 (a) What is photosynthesis?

(b) Write any **one** raw material needed for photosynthesis.

(c) Which gas is produced by plants during photosynthesis?

(d) How is chlorophyll important during photosynthesis?

55 (a) Give **two** things children can use to stop fire at home.

(i) _____

(ii) _____

(b) How is fire dangerous to people?

(c) State any **one** way you can avoid fire accidents at school.

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