



OUTREACH SCHOOLS EXAMINATIONS BOARD

MID 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. State one example of a legume.

2. Mention one disease immunized at birth.

3. Mention one type of record kept by a poultry farmer.

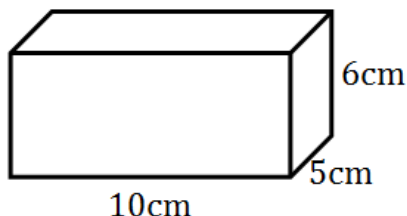
4. Identify one example of a root tuber.

5. Give one component of air in the environment.

6. Why are honey bees involved in rain formation?

7. Mention any one process involved in rain formation.

8. Find the volume of the figure below in cm³.



9. State one product got from a poultry farm.

10. How can soil erosion be controlled in a school compound?

11. Identify any one food deficiency disease.

12. Name the type of immunity acquired by a baby through breast feeding.

13. What type of soil has the highest capillarity?

14. What scientific name is given to air in motion?

15. State one insect that undergoes the incomplete life cycle of metamorphosis.

16. What is the use of feathers to birds?

17. Mention one immunisable disease of human lungs.

18. Give one example of a cereal crop.

19. State one vice in poultry.

20. Mention one example of a stem tuber.

21. Why is breast milk the best for babies?

22. State one way of improving soil fertility.

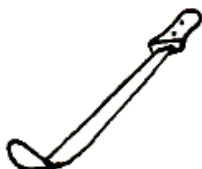
23. Why do some objects sink in water?

24. Name one liquid used in a thermometer.

25. Which gas is used for breathing?

26. Why do people sleep under mosquito nets?

27. How is the garden tool drawn below useful to a farmer?



28. Write down one disease of rabbits.

29. State one type of record kept on a poultry farm.

30. How are spiracles useful in the making of ORS?

31. Name the solvent used in the making of ORS.

32. Write down one cause of dehydration.

33. Draw a diagram in the space below showing air has weight.

34. Which type of soil has rough and large particles?

35. Where does digestion of food end in man?

36. Give one type of pollination in flowers.

37. Besides decomposition give any other one process in which soil is formed.

38. Mention one example of natural manure.

39. Name one material used as litter in a poultry house.

40. Write ORS in full.

SECTION B

41. (a) Give one type of soil erosion.

- (b) Mention two causes of soil erosion.
(i) _____
(ii) _____
- (c) State one way of controlling soil erosion.

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

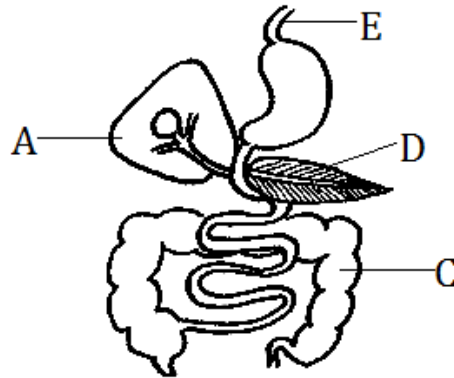
- (b) Apart from permanent teeth, mention one other set of teeth.

- (c) State any two diseases that affect the human teeth.
(i) _____
(ii) _____
43. (a) State any two reasons why we give first aid.
(i) _____
(ii) _____
- (b) Write down any two components of a first aid kit.
(i) _____
(ii) _____
44. (a) What is personal hygiene?

- (b) How is personal hygiene important to man?

- (c) Mention two materials used to maintain personal hygiene.
(i) _____
(ii) _____

45. *Use the diagram of the digestive system of man below to answer questions that follow.*



(a) Name the parts marked.

(i) B _____

(ii) E _____

(b) Name the process that takes place at C.

(c) Give the digestive juice produced by part marked D.

46. *Match the following deficiency disease with its cause in the table below.*

Deficiency disease	cause
Kwashiorkor	Lack of iodine
Marasmus	Vitamin D
Rickets	Proteins
Goitre	carbohydrates

(i) Kwashiorkor _____

(ii) Marasmus _____

(iii) Rickets _____

(iv) Goitre _____

47. (a) Write one cause of road accidents.

(b) Give one way of preventing road accidents.

(c) Name any two common accidents at home.

(i) _____

(ii) _____

48. (a) What are social insects?

(b) Mention any three examples of social insects.

(i) _____

(ii) _____

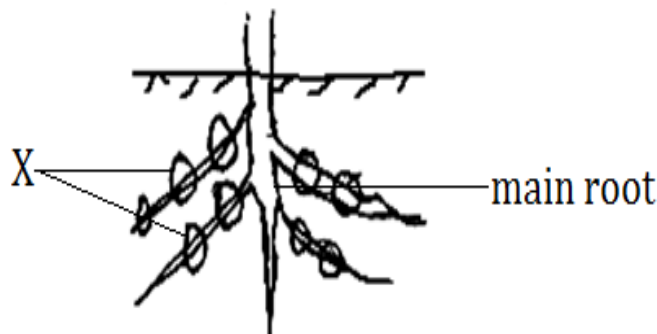
(iii) _____

49. (a) What is volume in measurement?

(b) Calculate the density of an object whose mass is 90g and volume 30cc.

(c) Name the method used when finding the volume of irregular objects.

50. *The diagram below shows a root system. Use it to answer questions that follow.*



(a) Name the part marked with letter X.

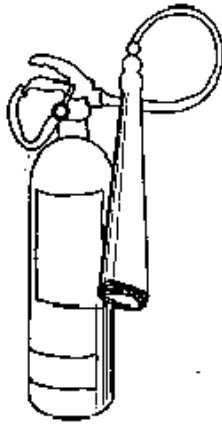
(b) Give a name to the organism found in the structures mentioned above.

(c) Write down two examples of food crops with such roots in the diagram above.

(i) _____

(ii) _____

51. *The diagram below shows an equipment found in cars and schools. Use it to answer questions that follow.*



(a) Name the equipment above.

(b) Which part of air is found in the equipment above?

(c) Give the component of air that has the highest percentage in the atmosphere.

(d) Why is oxygen not used in the fire extinguisher?

52. (a) What is matter?

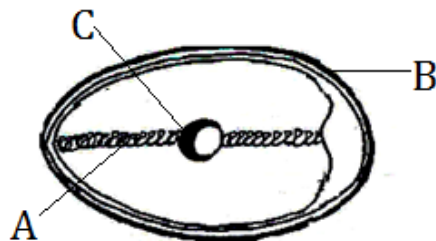
(b) Mention three states of matter.

(i) _____

(ii) _____

(iii) _____

53. *Below is a diagram of a fertilized egg. Use it to answer questions that follow.*



(a) Name parts.

(i) A _____

(ii) C _____

(b) Why is part marked B porous?

(c) How useful is part A in an egg?

54. (a) Name the weather instrument that does each of the following:

(i) show the direction of wind.

(ii) measure the amount of rainfall.

(b) Name any two types of clouds.

(i) _____

(ii) _____

55. (a) Write down any two diseases of the digestive system.

(i) _____

(ii) _____

(b) Give any two disorders of the digestive system.

(i) _____

(ii) _____

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