



EWALDI COMMUNITY SCHOOL
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P.L.E RECESS HOLIDAY TRIAL HOMEWORK 2023

Date:___/Nov.2023

SUBJECT :INTEGRATED P4 SCIENCE
DURATION: 2 HOURS 15 MINUTES

Name:_____

District_____class:_____

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. Attempt all questions. Answers to both sections must be written in the spaces provided.
5. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will **NOT** be marked.
6. Crossing out of answers will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.

FOR EXAMINERS USE ONLY		
QN. NO.	MARK	SIGN
1-10		
11-20		
21-30		
31 – 40		
41 – 50		
51		
52		
53		
54		
55		
TOTAL		

SECTION A

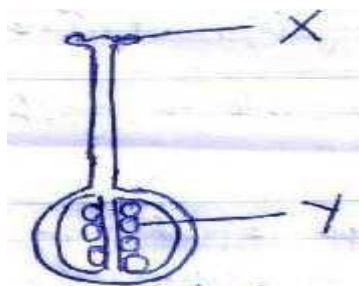
1. Name any one source of water in the environment.

2. State one characteristic of living things

3. Give any one example of an annual crop.

4. Write AIDS in full

The diagram below shows part of a flower. Use it to answer questions 5 and 6.



5. Name the part marked Y

6. State the function of part marked X during pollination.

7. Give the importance of a watering can to a crop farmer.

8. Write down the type of soil used to make glasses

9. Suggest any one way of keeping our bodies clean.

10. Name the clouds which are a clear sign of rain.

11. Apart from holes in leaves, mention any one other sign of pest damage in crops

12. Name one disease in the community caused due to poor sanitation.

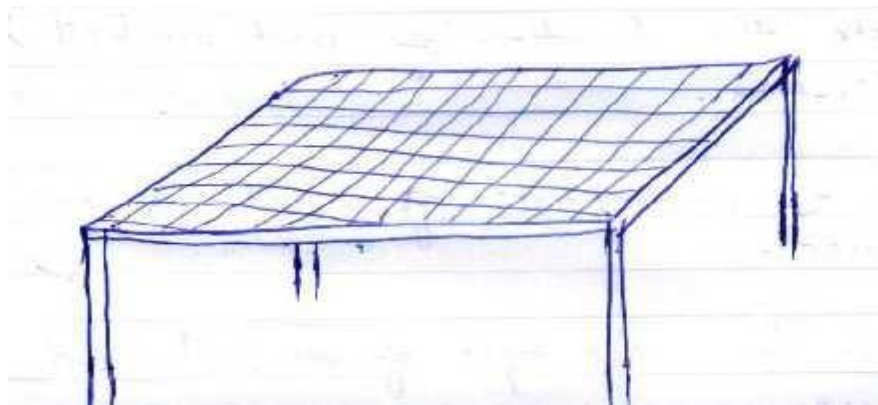
13. Write down the weather instrument used for measuring the strength of wind.

14. How is a dog useful at home besides providing security?

15. Name the type of mosquito that is responsible for the spread of elephantiasis to people.

16. Why is it advisable to wash our hands after visiting the toilet?

The diagram below is for a component of a home. Study it carefully and answer question 17.



17. State the importance of the above item at home.

18. Name the main natural source of energy on earth.

19. Which layer of soil supports plant growth?

20. Apart from winnowing, mention any other use of wind in the environment.

21. Why is a mango plant regarded as a flowering plant?

22. How is oxygen useful during seed germination?

23. Write down any one item used in promoting personal hygiene.

24. Give any one reason why some plants climb others.

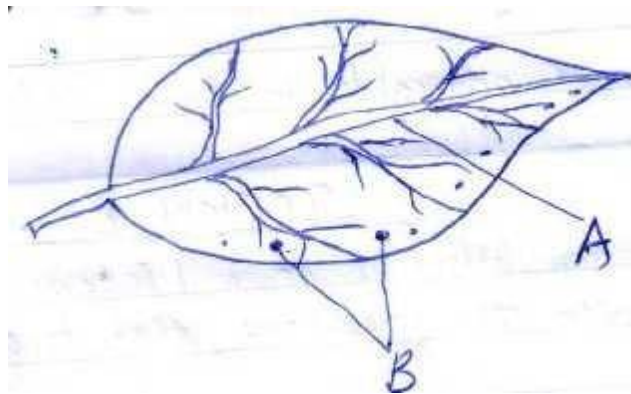
25. State any one importance of weeding crops.

26. Mention the class of food responsible for repairing worn out tissues.

27. Give any one disadvantage of too much rainfall in the environment.

28. Write down any one example of crops with prop roots.

The diagram below is of a leaf. Use it to answer questions 29 and 30.



29. Name the parts of the leaf marked B.

30. State the importance of the part marked A.

31. Apart from bacteria, mention any one other type of germ.

32. Name the larva stage of a mosquito.

33. In the space provided below, draw a diagram to show that air exerts pressure.



34. In which way are the houseflies able to spread germs?

35. How do we call the condition when the body does not have enough water in it?

36. Write down any one PIASCY message expected in the school compound.

37. Suggest any one way of handling stagnant water at home in order to prevent malaria.

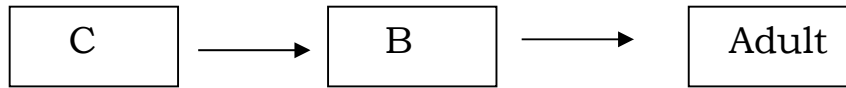
38. State any one way of preserving food.

39. Write any one way of saving energy.

40. Why is it advisable to have toilets at home?

SECTION B

41. The diagram below is of a life cycle of a cockroach. Use it to answer the questions that follow.



(a) Name the stages of the life cycle marked C and B

(i)C _____ (ii)B _____

(b) Which type of life cycle is shown in the diagram above?

(c) Apart from cockroaches, mention any one other insect that undergoes the above life cycle.

42. (a) Give any two artificial sources of energy

i. _____

ii. _____

(b) State any two importance of saving energy.

i. _____

ii. _____

43. (a) What is germination?

(b) Which type of germination is undergone by monocotyledonous plants?

(c) Which part of a seed grows into the root system during seed germination?

(d) State the importance of cotyledons to the growing embryo of a bean seed during germination.

44. (a) Apart from pruning, state any two other crop growing practices.

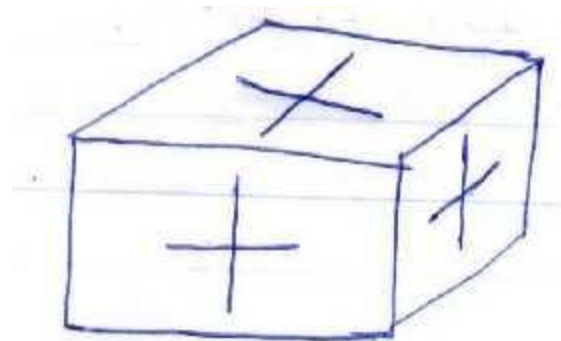
i. _____

ii. _____

(b) Give any one reason why farmers prune their plants

(c) Write down any one plant pruned.

45. The diagram below is of a first aid box. Use it to answer questions that follow.



(a) Name any two items that are kept in the tool above.

i. _____

ii. _____

(b) Mention any one place where such a tool can be found.

(c) State any one reason why we give first aid.

46. (a) Apart from a snake, mention two other examples of wild animals.

i. _____

ii. _____

(b) Give any two reasons why we should keep our classes clean.

i. _____

ii. _____

47. State any two ways how a P.4 pupil can promote personal hygiene.

i. _____

ii. _____

(b) Give any two reasons why we should keep our classes clean.

i. _____

ii. _____

48. (a) Write any two living components of the environment.

i. _____

ii. _____

(b) Write any two factors that damage our environment.

i. _____

ii. _____

49. (a) Name two elements of weather

i. _____

ii. _____

(b) Write any two types of weather.

i. _____

ii. _____

50. (a) Mention the component of air that is used by plants to make food.

(b) Apart from the above component, write other two components of air.

i. _____

ii. _____

(c) Identify the property of air demonstrated by a person taking soda from a bottle using a straw.

51. (a) What is dehydration?

(b) How is dehydration prevented among children?

(c) Name any two substances used in the preparation of ORS

i. _____

ii. _____

52. (a) Why is a Stevenson screen painted with a white colour?

(b) Name any two weather instruments kept in the Stevenson screen

i. _____

ii. _____

(c)What name is given to the place where weather elements are measured and recorded?

53. Match these animals to their way of movement

A

Snake

Ostrich

Fish

Pigeon

B

Swimming

Flying

Crawling

Walking

Correct order

a) Snake _____

b) Ostrich _____

c) Fish _____

d) Pigeon _____

54. (a)Write two childhood immunisable diseases

i. _____

ii. _____

(b)State two dangers of childhood immunisable diseases

i. _____

ii. _____

55.(a)Write any two examples of crops that are first planted in a nursery bed.

i. _____

ii. _____

(b)State two activities done to care for seedlings in a nursery bed.

i. _____

ii. _____

END