

**KIRYANDONGO DISTRICT PRIMARY
HEADTEACHERS' ASSOCIATION
PRE-PRIMARY LEAVING EXAMINATION, 2024**

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

District ID No:

--	--	--	--

Read the following instructions carefully:

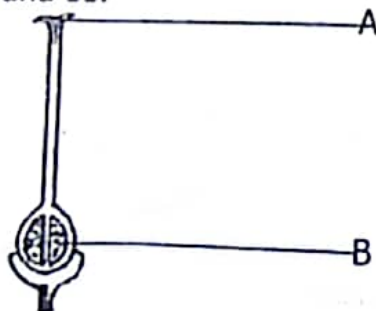
1. Do not write your **school** or **district name** anywhere on this paper.
2. This paper has two sections: **A** and **B**. Section **A** has **40** questions and Section **B** has **15** questions. The paper has **12 printed pages** altogether.
3. Answer **all** questions. **All** answers to both Sections **A** and **B** must be written in the spaces provided.
4. **All** answers must be written using a **blue** or **black** ball point pen or ink. Any work written in pencil other than graphs and diagrams will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that can not easily be read may lead to **loss** of marks.
6. Do **not** fill anything in the table indicated: **"For Examiners' Use Only"** and 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 : 40 MARKS
Questions 1 to 40 carry one mark each.

1. Name the deficiency disease which affects the skeletal system.
.....
.....
2. Why is a biogas digester tightly closed?
.....
.....
3. How do worms enter the human body?
.....
.....
4. Give one way a vip latrine helps to control diarrhoeal diseases.
.....
.....
5. Which component of an electric circuit safe guards the circuit incase of too much voltage?
.....
.....
6. Give any one factor considered when prescribing dugs.
.....
.....
7. State the role of Melanin in the human body.
.....
.....
8. Why is it dangerous to share shoes with another human being?
.....
.....
9. How is the left side of the human heart adopted to its function of pumping blood to all body parts?
.....
.....

The diagram below shows part of a flower. *Study and use it to answer questions 10 and 11.*



10. Name part marked A.

.....
.....

11. State what happens to part ^B after fertilisation.

.....
.....

12. Mention any one way fainting can be prevented at school.

.....
.....

13. How do lightening conductors protect buildings?

.....
.....

14. Apart from a fire extinguisher, write down any one way of putting out fire.

.....
.....

15. State any one way scurvy can be controlled among children.

.....
.....

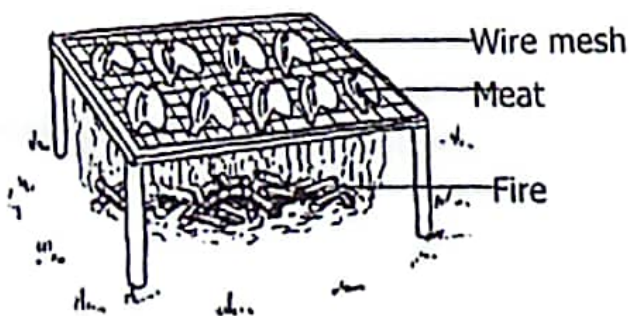
16. Which type of cattle is mainly kept for doing work.

.....
.....

17. Give any one reason why HIV/AIDs is spread easily in adolescent girls than boys.

.....
.....

The diagram below is of a method of preserving food. *Study and use it to answer questions 18 and 19.*



18. Name the method of preserving food shown in the diagram above.

.....
.....

19. How does the method above prevent food from going bad?

.....

.....

20. Write down any one material used to clean latrines.

.....

.....

21. Name the part of a bean seed that stores food for the embryo.

.....

.....

22. Which part of a plant has similar function like that of a human skin?

.....

.....

23. State any one condition necessary for the multiplication of bacteria.

.....

.....

24. Give any one device which a mother can use to prevent unwanted pregnancy.

.....

.....

25. State any one way a plate stand is useful in a home.

.....

.....

26. Mention any one water impurity that can make it dirty.

.....

.....

27. Give any one reason why shearing is done in the dry season.

.....

.....

28. Name the body part which belongs to first class levers.

.....

.....

29. Apart from the sun, mention any one natural source of light in the environment.

.....

.....

30. Name the sexually transmitted disease which cause blindness in babies.

.....

.....



31. State any one activity that is done by the school health committee to promote clean and safe water at school.

.....
.....

32. Mention any one use of wind to a crop farmer.

.....
.....

33. State one reason why timber is dried in a shade.

.....
.....

34. How is silting a danger to the environment?

.....
.....

35. Name the chemical change which takes place when sugar changes to alcohol.

.....
.....

36. State one way dust can be made to settle down before sweeping.

.....
.....

37. How is heat transfer by convection useful to the environment?

.....
.....

38. Mention the role of valves in the human heart.

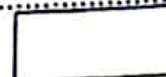
.....
.....

39. Give any one way Alcohol damages the human brain.

.....
.....

40. How does wax protect the human ear?

.....
.....



Turn Over

SECTION B: 60 MARKS
(Questions 41 to 55 carry four marks each.)

41. (a) State any one reason why the fire extinguisher is painted red.

.....

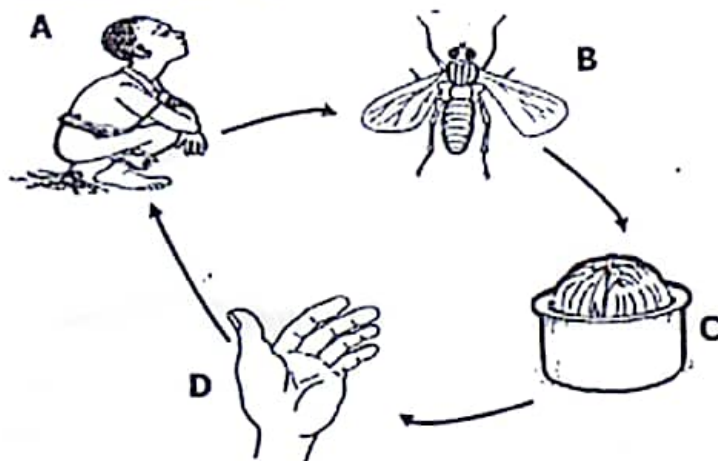
- (b) Write down three steps followed when using a fire extinguisher.

(i).....

(ii).....

(iii).....

The diagram below shows the 4Fs germ path. Study and use it to answer questions that follow.



42. (a) Name the vector in the germ path above.

.....

- (b) Mention any one disease spread through the germ path above.

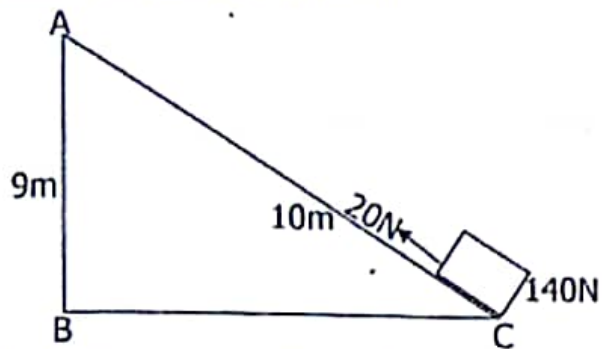
.....

- (c) Write down any two dangers of open defecation to the environment.

(i).....

(ii).....

The diagram below is of a machine used to lift objects. *Study and use it to answer questions that follow.*



43. (a) Name the type of machine in the diagram above.

.....

(b) Write down any one material used locally to form the above type of machine.

.....

(c) Calculate the mechanical advantages of the above machine. (2 marks)

"Mary found small water channels in her garden after it had rained".

44. (a) Name the type of erosion that took place in Mary's garden.

.....

(b) State any one danger of the small water channel in May's garden.

.....

(c) Write down any two activities that can be done to control the water channels in Mary's garden.

(i).....

(ii).....

45. (a) Write down any two factors considered when constructing a good hutch.

(i).....

.....

(ii).....

.....

(b) Give any two reasons why most farmers prefer rearing rabbits to cattle.

(i).....

.....

(ii).....

.....

46. (a) Mention any one group of tuber crops.

.....

.....

(b) Give one reason why tuber crops are planted in soil heaps.

.....

.....

(c) Write down two ways of caring for tuber crops.

(i).....

.....

(ii).....

.....



47. (a) State any two common illness in our homes.

(i).....

.....

(ii).....

.....

(b) Give any two ways of controlling common illness at home.

(i).....

.....

(ii).....

.....

48. (a) Name the component of soil formed by;

(i) Weathering of rocks.

.....

.....

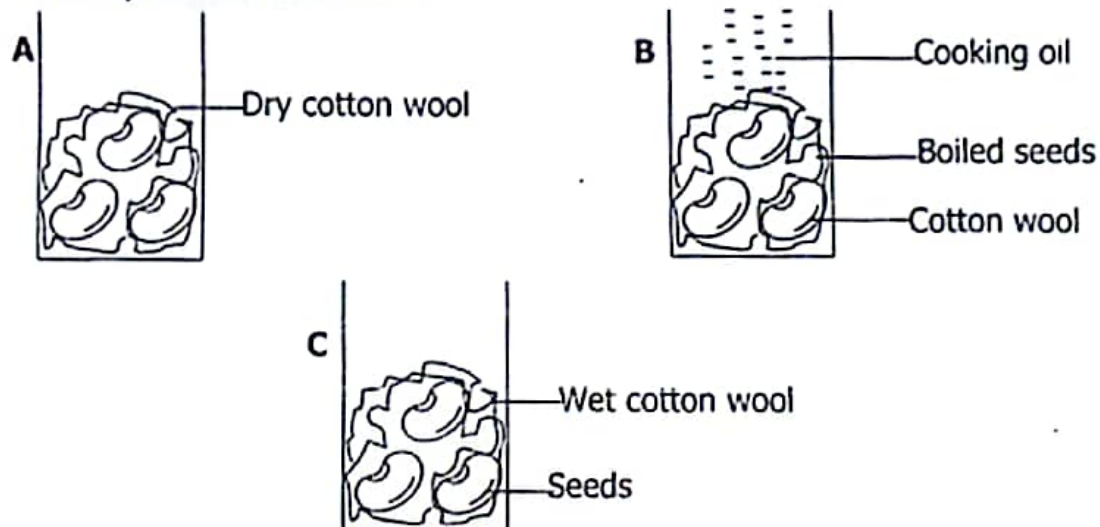
(ii) Decomposition of organic matter.

(b) State any two dangers of prolonged use of artificial fertilizers.

(i).....

(ii).....

The diagram below is an experiment about germination. *Study and use it to answer questions that follow.*



49. (a) In which container will the seeds germinate after some time?

(b) State one reason why seeds in container B will fail to germinate.

(c) Write down any two conditions that can make a seed fail to germinate.

(i).....

(ii).....

50. (a) State the reason why a pregnant woman is said to be vulnerable.

.....
.....

(b) Write down any two activities which are provided to vulnerable group of people.

(i).....
.....

(ii).....
.....

(c) Give any one reason why babies should be given a lot of fluids.

.....
.....

51. (a) Explain how timely early planting controls pests. (2 marks)

.....
.....

(b) Mention any two signs of pest damage on crops.

(i).....
.....

(ii).....
.....

52. (a) Name any two materials used to make a fold pen in poultry.

(i).....
.....

(ii).....
.....

(b) Give any two ways egg eating can be controlled in layers.

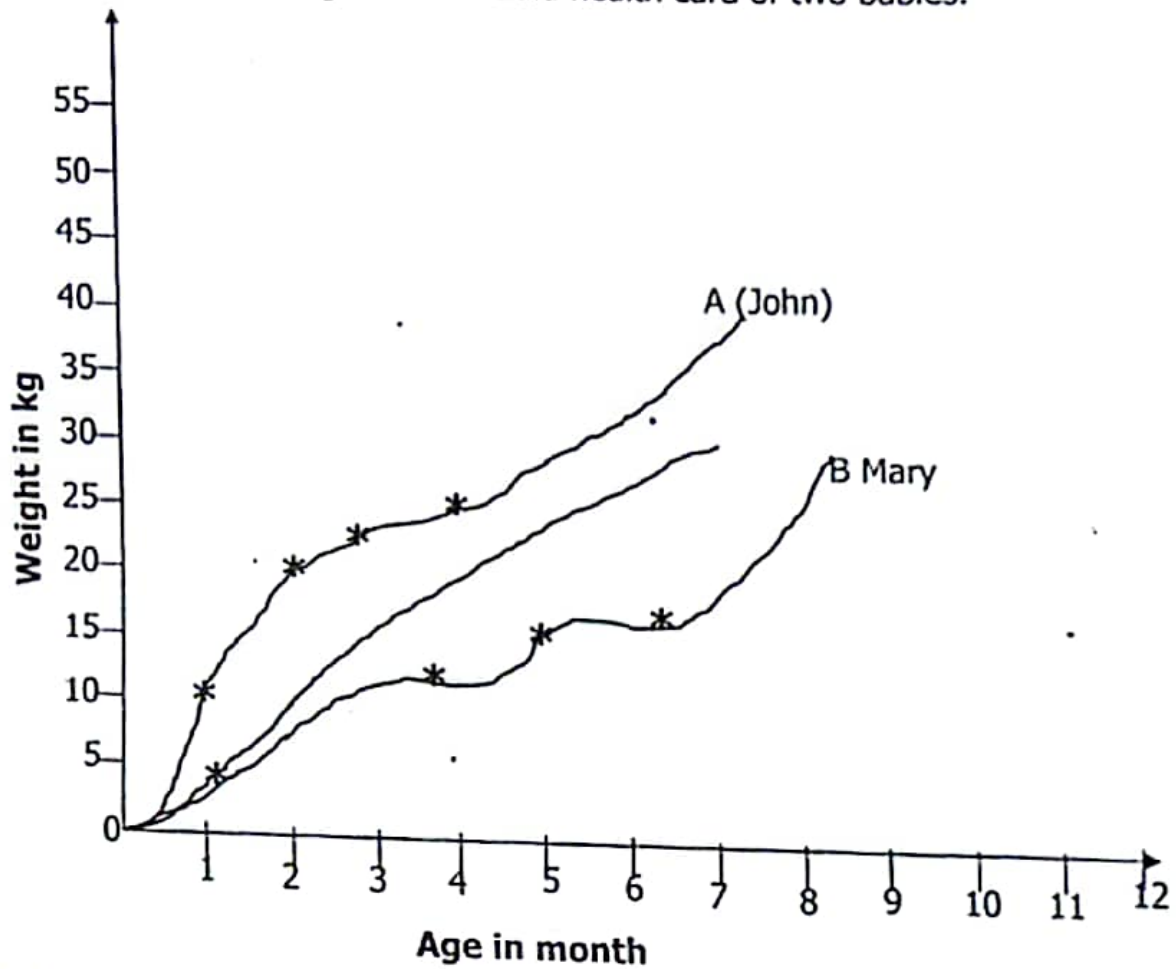
(i).....
.....

(ii).....
.....

.....
.....



The graph below was got from a child health card of two babies.



53. (a) Name the child with a proper growth.

.....

.....

(b) Write down any two factors that affect the proper growth of children.

(i).....

.....

(ii).....

.....

(c) Mention any one example of food given to babies for body building.

.....

.....

54. (a) State any two factors which lead to sexual deviation among the youth.

(i).....

.....

(ii).....

.....

(b) Mention any two effects of sexual deviations to the community.

(i).....

.....

(ii).....

.....

55. (a) Name the method used in harvesting trees for timber.

.....

.....

(b) Mention any one practice done to care for trees.

.....

.....

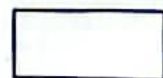
(c) Give any two benefits of agriculture forestry to a farmer.

(i).....

.....

(ii).....

.....



END