

KOLFRAM EDUCATIONAL SERVICES KAMPALA



MID TERM ONE EXAMINATION SET I 2024

PRIMARY FOUR INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index Number:

Admission Number						Personal Number		

Candidate's Name:

Candidate's Signature:

School Name:

District Name:

DO NOT OPEN THIS BOOKLET UNLESS YOU ARE TOLD TO DO SO

Read and follow these instructions carefully:

1. This paper has **two** sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **10** printed pages.
2. Answer **all** questions. **All** answers to both sections A and B must be shown in the spaces provided.
3. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any answer written in pencils other than on graphs and diagrams will **not** be marked.
4. No calculators or **electronic** pens are allowed in the examination room.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily 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 EXAMINER'S USE ONLY

QN. NO.	MARKS	EX'ER'S INITIAL
1 -10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53- 55		
TOTAL		

Turn Over

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Trust Kolfram Educational Services for quality workbooks, companion books, PLE revision workbooks, PLE question Banks, Topical workbooks, Quality Assessments and Holiday packages

SECTION A: 40 MARKS

(Questions **1** to **40** carry **one** mark each.)

1. Name **one** natural source of light.

.....

2. What is moving air?

.....

3. State any **one** characteristic of living things.

.....

4. Why is a goat called a domestic animal?

.....

5. What is the best soil for crop growing?

.....

6. Which cloud gives us rain?

.....

7. Which part of the body do we use for feeling?

.....

.....

8. Name the animal that changes colour.

.....

9. Why is carbon dioxide used in fire extinguishers?

.....

10. How are tendrils important to pumpkin plant?

.....

11. Where does an onion store its food?

.....

12. As a P.4 child, how can you promote sanitation at school?

.....

13. Which part of a plant makes food?

.....

14. In which way can soil erosion be controlled in hilly areas?

.....

15. Why are bees said to be social insects?

.....

16. Why should we boil water for drinking?

.....

17. Write **one** example of a root crop.

.....

18. State **one** basic need of people.

.....

19. Name any **one** plant that grows in swamps.

.....

20. Name any **one** component of soil.

.....

21. State **one** reason why animals make sound.

.....

22. Name the type of soil best for making glasses.

.....

23. Name the garden tool used for digging.

.....

24. What name is given to a vector that spreads malaria germ?

.....

25. Write ORS in full.

.....

26. On which body part of an insect do we find the legs?

.....

27. Name any **one** class of food.

.....

.....

28. Why is a crocodile said to be aquatic?

.....

.....

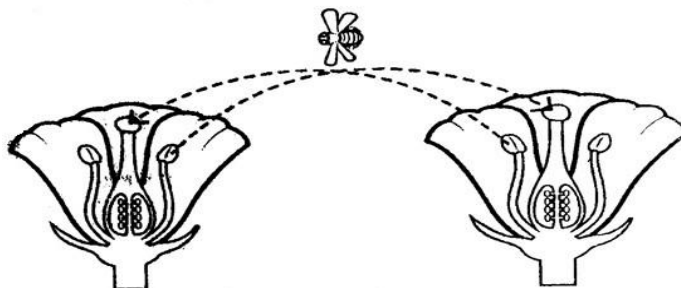
29. Give **one** example of a foodstuff which is a source of carbohydrates.

.....

30. What type of leaf venation does a maize plant have?

.....

Use the diagram below to answer the questions 30 and 31.



31. Name the type of pollination shown above.

.....

32. Which agent of pollination is shown on the diagram above?

.....

33. Which vitamin is obtained from the sun?

.....

34. Which gas is used in the preservation of drinks?

.....

35. How useful is a clinical thermometer to a medical doctor?

.....

36. Give **one** item used in the proper maintenance of personal hygiene.

.....

37. State **any** one need of a wild animal.

.....

The diagram below shows A girl sucking juice using a straw. Use it to answer question 38.



38. State the property of air helping the girl to suck juice from the glass using straw.

.....

.....

39. Name the gas needed by seeds during germination.

.....

40. Mention **one** process involved in the water cycle.

.....
.....

SECTION B (60 marks)

(Question 41 to 55 carries 4 marks each)

41. (a) What is First Aid?

.....
.....

(b) Give **two** reasons for giving First Aid.

(i).....

(ii).....

(c) Give any **one** example of an accident that can be got at home.

.....
.....

42. (a) What term describes the transfer of seedlings from a nursery bed to the main garden?

.....
.....

(b) Give **one** example of a crop that can be first planted in a nursery bed.

.....
.....

(c) State any **two** ways of caring for the seedlings in a nursery bed.

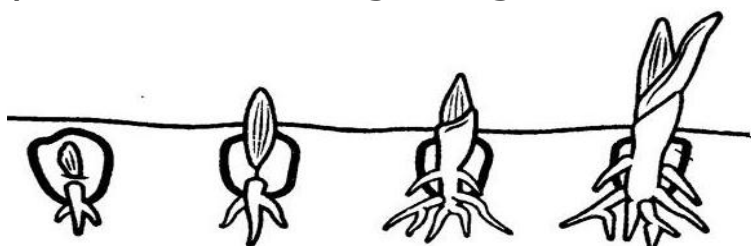
(i).....

(ii).....

43. (a) Name and draw any **four** items used for keeping personal hygiene.

(i)	(ii)	(iii)	(iv)

44. (a) **Below are the stages of germination in maize.**



(a) Identify the type of germination maize go through.

.....
.....

(b) Name any **two** conditions necessary for a seed to germinate.

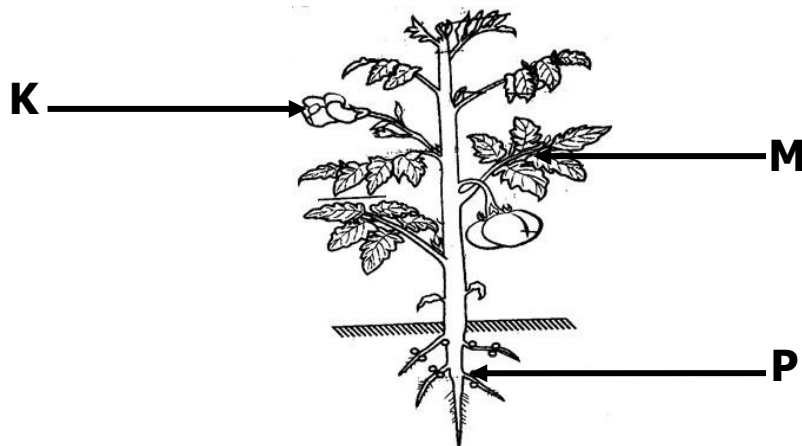
(i).....

(ii).....

(c) Why is water needed during germination?

.....
.....

45. The diagram below shows a plant. Study it carefully and answer the questions that follow.



(a) Name the parts marked;

(i) **K**:

(ii) **M**:

(b) How is part **P** useful to the above plant?

.....
.....

(c) State any **one** part of the plant eaten by people.

.....
.....

46. (a)What are domestic animals?

.....
.....

(b) Name any **one** example of domestic animals.

.....
.....

(c) Mention **two** things made out of animals' skins and hides.

(i).....

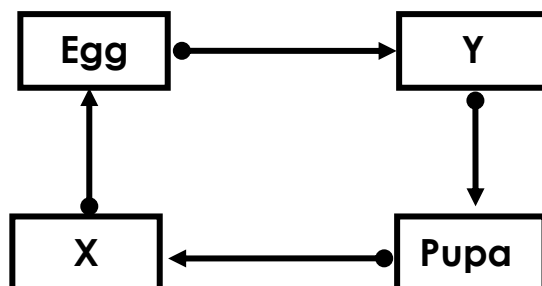
(ii).....

47. Match animals to their young ones.

Lion	puppy
Goat	nestling
Dog	cub
Bird	kid

- (a) Lion:
- (b) Goat:
- (c) Dog:
- (d) Bird:

48. Study the diagram below and use it to answer the questions 48.



- (a) Name the stage marked with letter X and Y.
- (i) Stage X.....
- (ii) Stage Y.....
- (b) What type of lifecycle is shown above?
-
-
- (c) Give any **one** example of insect which undergo the above life cycle.
-
-

49. (a) What are germs?

-
- (b) State **two** common places where germs are found.
- (i).....
- (ii).....
- (c) Mention **one** way in which germs enter our bodies.
-

50. (a) Give any **two uses of water to people.**

- (i).....
- (ii).....
- (b) In which **two** ways is water made dirty?
- (i).....
- (ii).....

51. (a) Write S.S.S in full.

.....

(b) Name any **two** items used in the making of S.S.S.

(i).....

(ii).....

(c) Why are patients given O.R.S?

.....

52 (a) Why do plants with weak stems climb others?

.....

(b) Give any **two** ways by which plants climb others.

(i).....

(ii).....

(c) Give any **one** example of a plant with a climbing stem.

.....

53. (a) What is air?

.....

.....

(b) Name any **two** parts of air.

(i).....

(ii).....

(c) Which part of air occupies the least percentage in the atmosphere?

.....

.....

54. Fill in the missing blank spaces on the table below

Element of weather	Weather instrument
rainfall	_____
_____	barometer
Speed of wind	_____
_____	hygrometer

55. Name the part that is eaten on the following crops.

(a) Onion:

(b) Sweet potatoes:

(c) Maize:

(d) Sugarcane:

Game Over