



*"In Pursuit of PLE Excellency"*

# KUCH & ABER EDU-LOG EXAMINATIONS BOARD

## PRIMARY LEAVING EXAMINATIONS 2024

### PREP TWO -2024

### INTEGRATED SCIENCE

*Time allowed: 2 hours 15 minutes*

Index No.

EMIS NO.						Personal No.			

Candidate's Name:.....

Candidate's Signature:.....

District ID:.....

**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.
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** of work and handwriting that cannot easily be read may lead to **loss of marks**.
6. Do **not** fill anything in the boxes indicated: "**For Examiners' Use Only**" and those inside the question paper.

*Please Turn over!*

FOR EXAMINER'S USE ONLY		
QN. No	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

### **Section A: 40 Marks**

1. Name the vector that transmits malaria to people.

.....

2. Give the use of turbines at a Hydro electric power station.

.....

3. Name the part of the human body where the ribs are located.

.....

4. How does barking help to a dog to defend itself from enemies?

.....

.....

5. State one way farmers control dampness in a poultry house.

.....

6. Give one feature of a bird you can use to tell the kind of food it feeds on.

.....

7. Name the component of air mostly required in a kitchen.

.....

8. How do large particles make sand soil not good for crop growing

.....

.....

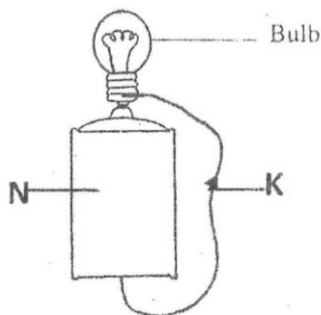
**The diagram below shows a crop growing practice. Study and answer questions that follow.**

9. Name the equipment mark **K**.

.....

10. Give the purpose of carrying out the above crop growing practice.  
.....
11. State any one use of sisal in home or school.  
.....  
.....
12. Besides animals and plants kingdom, name one other classification of organisms.  
.....
13. Give any **one** use of cattle to crop farmers.  
.....
14. State any **one** way trees help to control soil erosion.  
.....  
.....
15. Why are plants grouped under renewable resources?  
.....
16. Give any **one** way you save electricity at home and at school.  
.....
17. Why do we iron clothes?  
.....
18. Give the difference between fungi and yeast in their mode of reproduction.  
.....  
.....
19. In **one** sentence, define the term seed dispersal.  
.....  
.....
20. Which part of the skeleton protects the urinary system?  
.....  
.....
21. Give the use of putting on rubber shoes when working with electrical appliances.  
.....  
.....

The diagram below shows an electric circuit. Study and answer question 22.



22. By use of a line segment with letter **K**, show the flow of current.

.....

23. Give the use of the component marked **N**.

.....

24. What makes evaporation and condensation similar?

.....

.....

25. Name the part in the human body that protects the end of a bone from wearing out.

.....

.....

26. State any **one** activity you can do to save crops attacked by pests.

.....

27. Give any **one** role of a work bee inside a hive.

.....

28. Why are calves dehorned?

.....

.....

29. Name any one crop propagated by planting suckers.

.....

30. Why should beddings be spread under sunshine regularly

.....

31. Give the danger of clearing land by bush burning.

.....

32. In the space below, draw a garden tool used for cutting big trees.



33. Which role is played by the pulmonary artery in the circulation of blood?

.....  
.....

34. Name any **one** disease controlled through drinking safe water.

.....  
.....

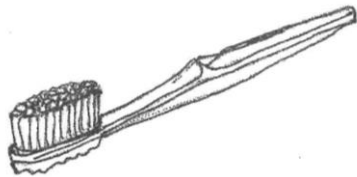
35. Name any **one** material people use to manage sunny weather.

.....

36. State any **one** way you can separate clean water from sand soil.

.....

**The diagram below shows a tool used to observe oral hygiene.  
Study and answer questions 37 and 38.**



37. Identify the tool shown above.

.....

38. How is the above tool helpful in observing oral hygiene?

.....

39. State any one characteristic of a VIP latrine.

.....

40. Besides meat, give one other use of rabbits to people.

.....

**SECTION B: 60 MARKS.**

41. (a) Name the injuries caused on your skin by the following materials

(i) Hot porridge

.....

(ii) Hot flat iron

.....

(b) Give the similarity between injury named in (i) and (ii)

.....

.....

(c) State the first aid given to injury named in (i) above.

.....

.....

42. (a) Besides treatment, give other **two** services patients receive from health centres.

(i) .....

(ii) .....

(b) Name any **two** medical officers that provide services to patients at health centres.

(i) .....

(ii) .....

43. **The diagram shows a disorder to the skeleton. Study and answer question 43.**



(a) Identify the disorder shown above.

.....

(b) State two characteristics of the above disorder.

(i) .....

(ii) .....

(c) Give the first aid for such an injury shown above.

.....

44. (a) State the condition under which the following objects can float or sink

(i) a leaf

.....

(ii) a small stone

.....

(b) **A cork has a density of 6gm/cc and its volume is 18cc.**

Calculate its mass

(2 marks)

45. (a) Name the germ which causes trachoma.

.....

(b) Give any **one** sign of trachoma

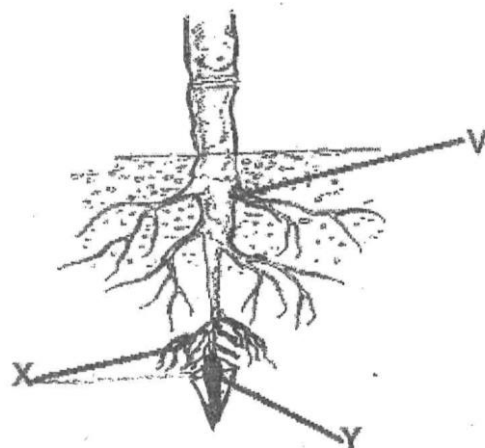
.....

(c) Outline any two ways of preventing trachoma.

(i) .....

(ii) .....

46. The diagram shows a tap root. Study and answer question 46.



- (a) Name the root marked **V**.  
.....
- (b) Give the use of the parts marked **Y** and **X**.  
(i) **Y**.....  
(ii) **X** .....
- (c) From which part of a seed does the above system develop?  
.....

47. **In group of five, candidates were provided with the following materials to connect a simple electric circuit. 2 dry cells and electric wire.**

- (a) Name one basic material missing from the list given above.  
.....
- (b) By use of above materials and the one named (a) above, draw a well labelled diagram of a simple electric circuit. (3 mark)

48. **Heaps of waste matter is dumped and found in many towns and cities in Uganda.**

- (a) Name any **two** diseases brought by improper disposal of waste in our communities  
(i) .....  
(ii) .....
- (b) Give any **two** ways people can make use of such matter to earn a living.  
(i) .....  
(ii) .....



49. (a) What is passive smoking?

.....  
.....

b) Mention one danger of smoking to an individual.

.....

c) Give any one dangerous substance found in tobacco.

.....

d) State any one-way parents can protect their children from dangers of tobacco smoking.

.....

50. Match the vectors in **A** to their diseases they spread in **B** correctly.

**A**

Tsetsefly

Aedes mosquito

Rat fleas

Houseflies

**B**

bubonic plague

sleeping sickness

malaria

yellow fever

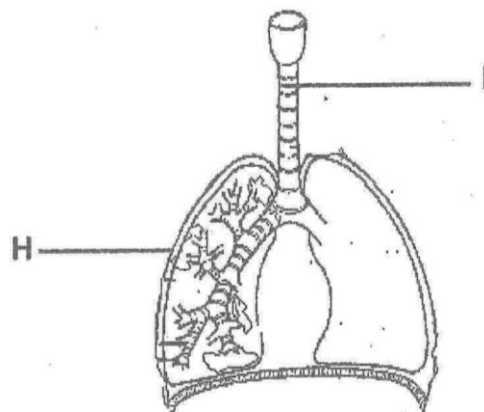
(i) Tsetsefly .....

(ii) Aedes mosquito .....

(iii) Rat fleas .....

(iv) Houseflies .....

51. **The diagram below shows body system. Study and answer questions 51.**



(a) Which body system is shown above?

.....

.....

(b) Identify the organ marked H.

.....

(c) State any **two** ways of improving the normal functioning of the above system.

(i) .....

(ii) .....

52. (a) Give any two dangers of taking alcohol to a family.

(i) .....

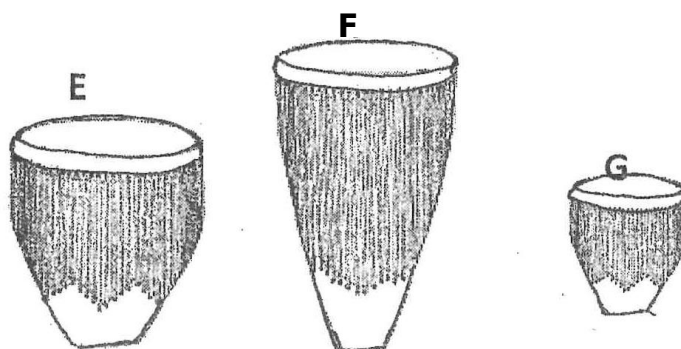
(ii) .....

(b) Give any two life skills you can use to prevent yourself from drinking alcohol.

(i) .....

(ii) .....

53. **The diagram below shows a musical instrument. Study and answer question 53.**



(a) Which group of instrument is shown above?

.....

(b) How is sound produced from the above instrument?

.....

(c) What can you do to increase the pitch and volume of the above instruments?

(i) Pitch .....

(ii) Volume .....

54. (a) Besides meat, give other two reasons for rearing goats.

(i) .....

(ii) .....

(b) State any two ways of keeping goats healthy.

(i) .....

(ii).....

55. (a) Name two viral immunisable diseases in humans.

(i) .....

(ii) .....

(b) Give two a P.7 candidate can participate in immunization.

(i) .....

(ii) .....

\*\*\*\*\* **END** \*\*\*\*\*