

# KOLFRAM EDUCATIONAL SERVICES KAMPALA

POWERED BY TRUST HIGH SCHOOL- KABUUBU

## PRE PRIMARY LEAVING EXAMINATION



**SET II 2024**

**INTEGRATED SCIENCE**

***Time allowed: 2hours 15minutes***

**Index Number:**

Random Number						Personal No.		

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 **8** 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 PAGE.	MARKS	EXR'S NO.
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
TOTAL		

**Turn Over**

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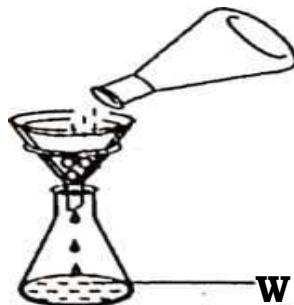
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## SECTION A: 40 MARKS

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

1. State any **one** example of chemical change in nature.  
.....
2. Name the process through which food moves through the gullet.  
.....
3. Write down any **one** example of a poisonous snake.  
.....
4. Why does smoke rise up when burning rubbish?  
.....
5. State any **one** sense organ protected by the skull.  
.....
6. Give any **one** way in which smoking affects the human teeth.  
.....
7. Which bee product gives us carbohydrates?  
.....
8. Mention any **one** natural factor that lowers the quality of the environment.  
.....
9. State any **one** way in which a mudfish is similar to a newt in the way they multiply.  
.....
10. State any **one** way of controlling spear grass in banana plantation.  
.....
11. Name the type of bees which have sperm sac.  
.....
12. State the common accident that involves the use of RICE when giving first aid.  
.....
13. How does the skin help to regulate the temperature of the body during cold days?  
.....

**Use the diagram illustrated below to answer the questions that follow**



14. What scientific name is given to substance marked with letter W?  
.....
15. Give a reason why water obtained by the above method is not good for drinking.  
.....

- .....
16. State a reason why banana fibre is not the best material for mulching.
- .....
17. Which state of matter does heat move fastest?
- .....
18. State any **one** reason why elderly people must be fed on a lot of food rich in proteins.
- .....
19. State any **one** type of a rabbit hutch.
- .....
20. State any **one** factor to consider when choosing a breed of cattle to rear at home.
- .....
21. Mention any **one** bird with a simliar kind of beak with that of duck.
- .....
22. Name the part of respiratory system which helps to prevent choking.
- .....
23. State **one** role of school children in promoting PIASCY programmes at school.
- .....
24. Give any **one** factor that can make an indiviidual to lack water in his/ her body.
- .....
25. In which part of the lens camera are images formed?
- .....

**Use the illustration shown below to answer the questions 26 and 27.**



26. Name the state of matter marked with letter **X**.
- .....
27. By what process does Y change back to **X**?
- .....
28. Mention any **one** way in which some animals depend on other animals.
- .....
29. Give any **one** natural family planning method.
- .....
30. State any **one** way in which sunlight is useful during photosynthesis.
- .....
31. Name the immunisable disease that causes the swelling on the neck.
- .....

32. Apart from onions, mention any one other example of bulb.

33. Give any **one** feature used in classifying birds.

34. Name the process by which paraffin moves along the wick.

35. Give any **one** reason why farmers rear table birds.

36. Name the part of a bean seed which stores food.

The diagram below shows a message printed on the sign post commonly displayed in the school compound.



37. In which way is the above message important to the school children?

38. Give any one importance of a queen excluder in a modern bee hive.

39. State any **one** way of propagating pineapples using suckers.

40. State any **one** effect of body lice to the health of a P7 candidate.

## SECTION B

(Question 41 to 55 carries 4 marks each)

41. The diagram below is of a human skin. Use it to answer questions that follow.



a) Name the layer of the skin marked with letter C.

b) Give the part of the skin labeled with letter **D**.

.....

c) State the function of the part marked with letter **A**.

.....

d) Give any **one** function of the human skins.

.....

41.(a) Write down any **one** process which leads to the production of heat.

.....

(b) State any **one** way in which a poultry farmer uses heat.

.....

(c) Give any **two** examples of poultry vices you know.

(i) .....

(ii) .....

43.(a) State any **two** examples of scavenger birds.

(i) .....

(ii) .....

(b) Give any **one** example of scavenging animals.

.....

(c) State **one** way in which scavenger creatures are useful in the environment.

.....

44. (a) What is Young Farmers' Club?

.....

(b) Besides Young Farmers' club, name other science oriented club at your school.

.....

(c) State any **one** activity carried out by Young Farmers' Club to conserve the environment.

.....

(d) Give any **one** importance of Young Farmers' Clubs.

.....

**45. Below is a diagram of a clinical thermometer. Use it to answer the questions that follow.**



(a) State any **two** adaptations of the above thermometer to its function.

(i) .....

(ii) .....

(b) Give any **one** reason why water is not used in a clinical thermometer

.....

(c) Give any **one** way in which boiling affects clinical thermometer.

46. (a) Name the deficiency disease which results from lack of iodine in the body.

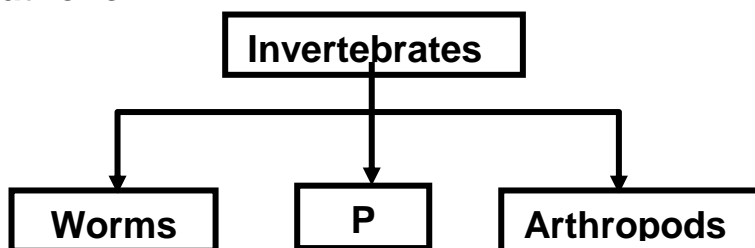
(b) State the commonest sign of the above deficiency disease in humans.

(c) Give any **two** examples of food which gives us iodine.

(i) .....

(ii) .....

47. The table below shows classes of invertebrates. Use it to answer the questions that follow.



(a) Name the class of invertebrates represented by letter P.

(b) State any **one** similarity between invertebrates at P and worms

(c) Mention any **one** organism that can be put under P.

(d) Which class of vertebrates from the table above does termites belong?

48. (a) Mention any **two** exotic breeds of rabbits reared in Uganda.

(i) .....

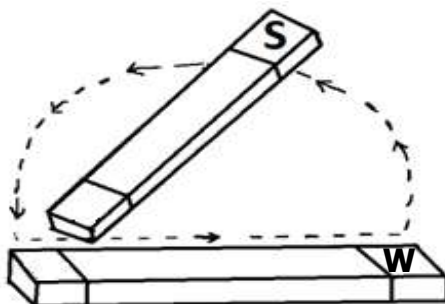
(ii) .....

(b) Give **two** reasons why farmers prefer keeping rabbits to keeping goats.

(i) .....

(ii) .....

49. Use the diagram below to answer the questions that follow.



(a) Name the method of making magnets shown above.

.....

(b) Name the pole marked with letter **W** on the permanent magnet above.

.....

(c) Give any **one** way of increasing the strength of a permanent magnet above.

.....

(d) Name any **one** other method of making magnets

.....

50. (a) Name the type of soil which has the following characteristics

(i) High drainage:.....

(ii) Small air space between particles:.....

(b) Name **one** type of soil erosion that can occur on your school compound.

.....

(d) Mention any **one** thing that a P7 child can do to control soil erosion on the school compound.

.....

51. (a) What do the following worms feed on?

(i) Tapeworms:.....

(ii) Hookworms.....

(b) state any **one** way of controlling worm infestation.

.....

(c) Name the internal worm that causes itching of anus at night.

.....

52. (a) Name the mineral salt that protects tooth against decay in human beings.

.....

(b) write any **one** cause of tooth decay in human beings

.....

(c) State any **two** practices carried out by people to prevent tooth decay.

(i) .....

(ii) .....

53. (a) What is soil capillarity?

.....

(b) Which type of soil has the highest capillarity?

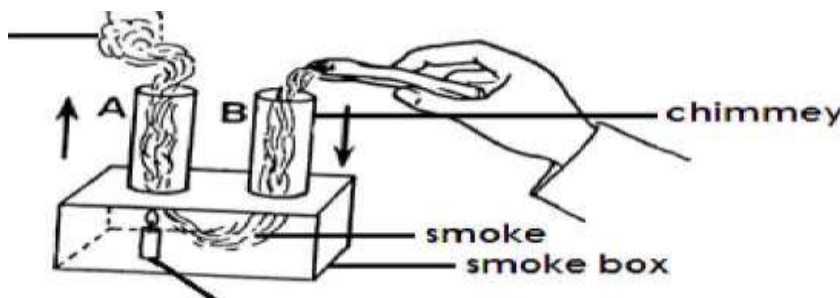
.....

(c) Why is the type of soil in (b) above has the highest capillarity?

.....

(d) State the force that affects the rate of capillarity.

54. Study the diagram below carefully and use it to answer the questions that follow.



a) What does the experiment below show?

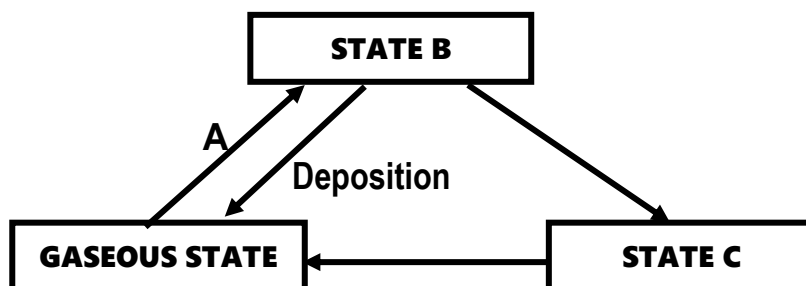
b) What do the arrows represent?

c) State any **two** applications of convection in our daily life.

(i) .....

(ii) .....

55. The diagram below shows the changes in the state of matter. Study carefully and use it to answer the questions that follow.



(a) Name the process marked with letter **A**.

(b) Give any **one** effect of heat on the state of matter marked with letter **C**.

(c) What happens to the following when the water freezes?

(i) volume-.....

(ii) Mass:.....

**THE END**



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