

KOLFRAM EDUCATIONAL SERVICES KAMPALA



PRE REGISTRATION EXAMINATION SET **ONE** 2024

PRIMARY SEVEN INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index Number:

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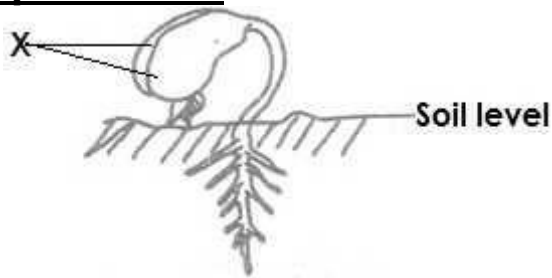
Trust Kolfram Educational Services for quality workbooks, companion books, PLE revision workbooks, PLE question Banks, Topical workbooks, Quality Assessments and Holiday packages

SECTION A: 40 MARKS

(Questions 1 to 40 carry one mark each.)

1. Name the human sense organ for tasting.
.....
2. Mention the farming practice which starves pests.
.....
3. Write down **one** non infectious disease of the lungs.
.....
4. Where in the kidneys does re-absorption of water take place?
.....
5. Why can't sound travel through a vacuum?
.....
6. Why are fossil fuels called non renewable resources?
.....
7. Name the enzyme that acts on uncooked starch in the duodenum.
.....
8. Why are the walls of the theatres and studios covered with soft porous materials?
.....
9. How is the bean plant similar to the pine plant?
.....
10. How does the use of electricity reduce deforestation?
11. A part from the beak, what else can be used to determine the type of food a given bird feeds on.
.....
12. Why should pit latrine be smoked regularly?
.....
13. Give the danger of food taboos in a community.
.....
14. What type of germination is shown in the diagram?
.....
15. State **one** use of septum in the heart during blood circulation
.....
16. Apart from hearing, state another function of the human ear.

.....
.....
The diagram below shows a germinating seed. Use it to answer question 14.



17. State the difference between a **tendon** and **ligament** interms of function.
.....
.....

18. Identify one cause of anti social behaviours among children.
.....
.....

19. Name **one** vertebrate that uses a shell for protection.
.....
.....

20. Mention **one** material that used as litter in a poultry house.

21. Where does a cassava plant obtain food when its leaves have fallen off?
.....
.....

22. State **one** reason why snakes are called limbless animals.
.....
.....

23. Mention **one** example of a biological change.
.....
.....

24. In which way is a rack (plate stand) useful at home?
.....
.....

25. Give the reason why ventilators are placed above windows in a build.
.....
.....

26. State **one** way in which friction force is useful to people who ake knives.
.....
.....

27. Write down one characteristic of seeds dispersed by wind.
.....
.....

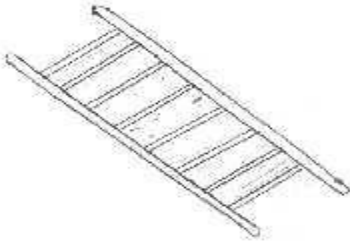
28. Name the vaccine given to girls and women of child bearing age against tetanus.

.....
29. Mention the part of the tooth that enables people to feel pain.

.....
30. Give **one** way you can improve your vision.

.....
31. Suggest **one** reason for adding salt to food before eating.

.....
The diagram below shows an item used by First Aiders. Use it to answer questions 33 and 34.



32. Name the First Aid item shown.

.....
33. Give the use of the equipment in giving First Aid.

.....
34. Which type of reproduction involved reproductive cells?

.....
35. In which one way do plants depend on animals?

.....
36. Name any one plant part used as herbal medicines.

.....
37. What type of manure is obtained from a rubbish pit?

.....
38. Name the food deficiency disease that leads the bleeding of gums and poor healing of wounds?

.....
39. State any **one** reason why clothes are supposed to be washed inside out

.....
40. An object has a **mass** of **200g** and **density 0.5g/cc**. Calculate its **volume**.

SECTION B (60 marks)

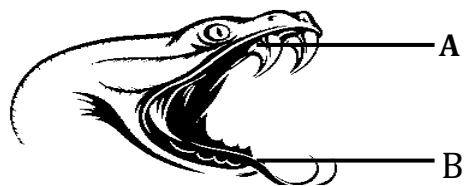
41. (a) What causes Bilharziasis?

.....
 (b) State any **one** sign of Bilharziasis.

.....
 (c) How does a person get infected with Bilharziasis.

.....
 (d) Suggest **one** way of controlling Bilharziasis.

42. **Below is the head of a snake. Use it to answer the questions that follow.**



(a) Name the type of snake shown above.

.....
 (b) Name the part of the snake marked with the letter A above.

A:

(c) State the importance of each of the following parts of snake shown above.

(i) Forked tongue

.....
 (ii) Hollow fangs

43. (a) State **two** problems caused by adolescence stage.

(i)

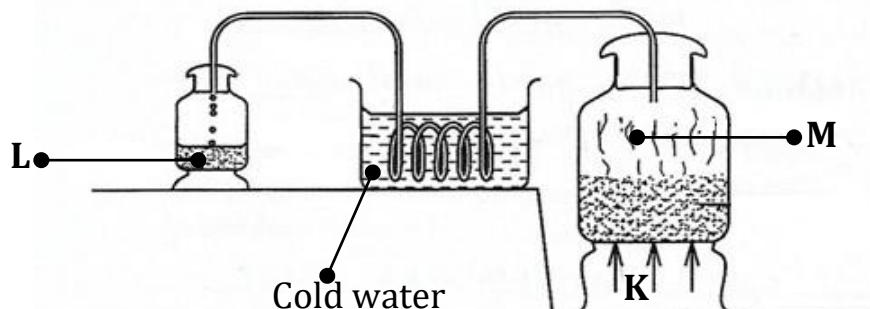
(ii)

(b) Mention any **two** ways of helping adolescents while at school.

(i)

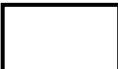
(ii)

44. **The diagram below shows one of the methods of preparing alcohol. Study and use it to answer questions 10.**



(a) Name the methods used in the diagram.

.....



(b) Name the liquid marked with letter L.

.....

(c) What do the arrows labeled **K** represent?

.....

(d) Why is the delivery tube passes through cold water?

.....

45. (a)Mention **one** process that lead to the formation of soil.

.....

(b) Which component of the soil;

(i) Improves on the fertility of the soil?

.....

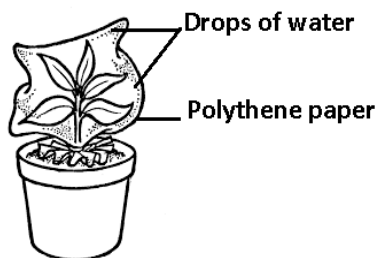
(ii) Makes the largest percentage of the soil?

.....

(c) How is throwing of polythene in the soil dangerous?

.....

46. **The diagram below shows a simple experiment. Use it to answer the questions that follow.**



Potted plant

(a) What is the experiment about?

.....

(b) State any **two** factors affecting the rate of the process named in (a) above.

(i).....

(ii)

(c)How can the plants reduce the rate of transpiration?

.....

47. (a) Identify the system of keeping cattle where by the grazing area is divided into sections using fences.

.....

(b) Give **two** advantages of the system you have mentioned above.

(i).....

(ii)

(c) State any **one** disadvantage of the system mentioned in (a) above.

.....
.....

48. (a) What is excretion?

.....
.....

(b) State **one** excretory product from the kidneys.

.....

(c) Apart from excretion, how else is the kidney useful in the human body?

.....
.....

(d) How can you keep your kidneys in a good working order?

.....
.....

49. (a) What is **personal hygiene**?

.....
.....

(b) List **two** ways in which you can keep proper personal hygiene.

(i).....

(ii).....

(c) Why is it necessary to keep proper personal hygiene?

.....
.....

50. (a) What are crop pests?

.....
.....

(b) State any **two** signs of pest attack on crops in the garden

(i).....

(ii).....

(c) Mention any **one** way of controlling pests in the garden.

.....
.....

51. (a) By what process does food move along the alimentary canal?

.....
.....

(b) State the role of each of the following during digestion;

(i) Enzyme

.....

(ii) Teeth

.....

(c) Name the blood vessel which carries blood rich in digested food from the ileum to the liver.

.....
.....

52. Match the blood component in A with their respective functions in B.

	A	B
a)	Plasma	Fight against germs.
b)	Platelets	Transports oxygen.
c)	Red blood cells	Helps in blood clotting.
d)	White blood cells	Transports digested food and waste material.

- (a)Plasma:
- (b)Platelets:
- (c)Red blood cells:
- (d)White blood cells:

53. In which state of matter does heat travel fastest?

-
- (b) State **one** difference between the **solid** and the **gaseous** states of matter.
.....
- (c) State **one** effect of heat on matter.
.....
- (d) Why do telephone and electric cables become tight in cold weather?
.....

54. (a)What is mulching?

(b) State **one** thing that can be used for mulching.

(c) In what way does mulching;

(i) improve on soil fertility:

(ii) keep moisture in the soil.

55. (a) Nakalule entered an empty hall. She shouted loudly and heard many other similar shouts after her own. How are such sounds produced?

(b)Name **two** ways how such sounds can be controlled.

(i).....

(ii)

(c)Give **one** advantages of such sounds in everyday life.

Game Over