SURE KEY EXAMINATIONS BOARD

PRE – PRIMARY LEAVING EXAMINATION 2021

SCIENCE – SET 2

Time Allowed 2 Hours 15 Minutes

Index No.

Random Number						Personal No.		

Candidates' Name ……..

Candidate's Signature……

School Random No. ……

District ID: ……..……..

Read the following instructions carefully:

1. This paper has two section A and B
2. Answer all questions and all answers to both Sections A and B must be written in the spaces provided.
3. All answers must be written in blue or black ink ball-point pen or fountain pen.
4. Unnecessary changes of work may lead to loss of marks.
5. **Any** handwriting that cannot easily be ready 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.

FOR EXAMINERS' USE ONLY		
Qn.No.	**Marks**	**EXR'S NO.**
1-10		
11-20		
21-30		
31-40		
41-50		
51		
52		
53		
54		
55		
TOTAL		

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SECTION A

1. How is a chameleon able to escape from its enemy?

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2. Identify one human activity that can lead to soil erosion.

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3. Mention one similarity in chicken and man.

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4. Write **DPT** in full.

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5. What does the experiment below prove about air?

---

6. By what process are clouds formed?

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7. Why does sugar put in water dissolve?

---

8. Which part of the blood carries oxygen?

---

9. Point out one health habit that is most important in the control of skin infections.

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10. Why are cattle farmers unable to get offsprings from castrated bulls?

---

11. Give one organ commonly affected by alcoholism.

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12. Which common characteristic makes spider and a tick be grouped together as arachnids?

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13. Ice and liquid water are all water in different states of matter. Why does an ice cube float when placed in water?

---

14. **In the space provided below, draw a magnetic field of a bar magnet.**

15. State one importance of transpiration to plants.

---

16. What major product is obtained from cattle with the shape below?

---

17. In Amosi's birthday party, most people ate roast chicken without washing hands. Why do you think this is a bad health habit?

---

18. Why is a fuse a useful component in an electric circuit?

---

19. Which form of energy enables us to see?

---

20. Mention one common way through which HIV is spread.

---

21. How are farmers able to maintain moisture in the soil?

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22. Abdul's child has the following signs, bright eyes, pot belly and face of an old man. Give the disease Abdul's child is suffering from.

---

23. State the function of enzymes in the process of digestion.

---

24. Why is it important for one to breathe in?

---

25. Where in the female reproductive organ does fertilisation take place?

---

26. **In the space below, draw a clear diagram to show hypogeal germination in seeds**

27. How does painting help in preventing rusting of iron articles?

---

28. Identify one living component of soil.

---

29. Why are splints tied on to the broken region of the arm?

---

30. State the danger of rearing large numbers of cattle in a community.

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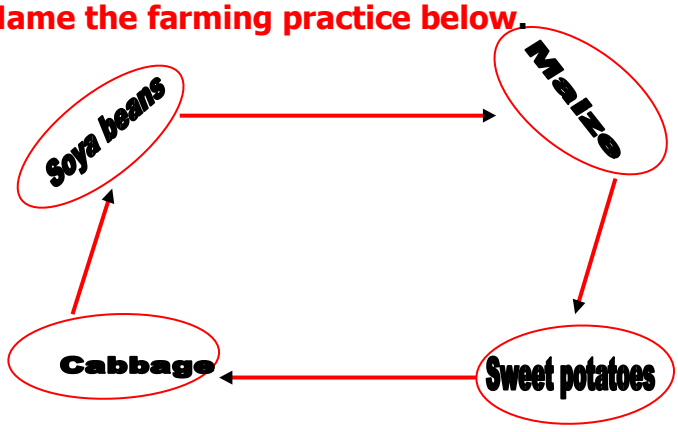
31. **Name the farming practice below.**



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31. How does the maize benefit from the growing of soya beans?

---

33. Why are lice called parasites?

---

34. What form of energy is produced when a spoon is dropped on to the floor?

---

35. Give one way in which animals are a danger to plants.

---

36. How are magnetic materials different from non-magnetic materials?

---

37. Mention the organ in the body that produces bile.

---

38. Opio was born on 26th June, 1992. When did he receive his first polio immunisation? ----------

39. Name the type of tooth illustrated below.

.....

40. How does heat from the sun reach the earth?

SECTION B

41(a) What is sanitation?

(b) Identify two diseases that are likely to break out in a community with stagnant water.

(i)_____(ii) _____

(c) Give a reason for your answer in (b) above.

42(a) Mention two processes by which soil is formed.

(i)_____(ii) _____

(b) Which farming methods are destructive to the soil?

(i)_____(ii) _____

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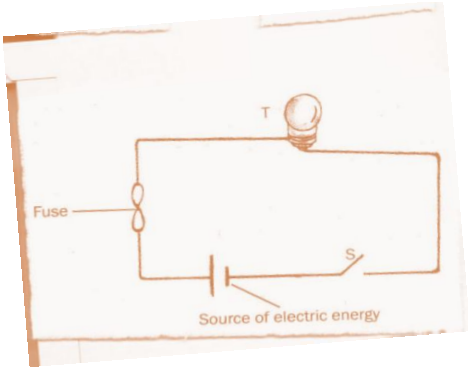
43. **Below is a diagram showing a simple circuit.**



(a) Use the symbol (-) to mark the negative terminal of the battery.

(b) Name one gas that can be used in P.

(c) Why are bulbs filled with the gas mentioned in (b) above?

(d) What energy change takes place in Q as the bulb is giving light?

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44. **Abdul, a school cook, got burnt by porridge.**

(a) Name the injury he sustained.

(b) What first aid would you give to Abdul?

(c) Why is it necessary to give Abdul first aid?

(i) ---------- (ii) ----------

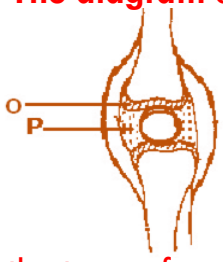
45(a) What is a balanced diet?

(b) Identify two components of a balanced diet.

(i)_____(ii) _____

(c) What advice would you give to a mother whose child has brown silky hair, swollen moon face and swollen lower limbs?

46. **The diagram shows a joint.**



(a) Name the type of movable joint shown.

(b) Identify one part of the body where the above joint is located.

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(c) Which force is reduced by fluid **P**?

(d) How is **O** important in a joint?

47(a) What do you understand by the word 'magnet'?

(b) Give any one way doctors, pilots use magnets.

(i)Doctors: ---------- (ii) Pilots: ----------

(c) How can a permanent magnet be made to lose its magnetism?

48(a) How are cereals commonly preserved before storage?

(b) Why is it important to ensure that cereals are properly dry before they are stored?

(c) Which method of preserving fish is destructive to the environment?

(e) Give a reason for your answer in (c) above.

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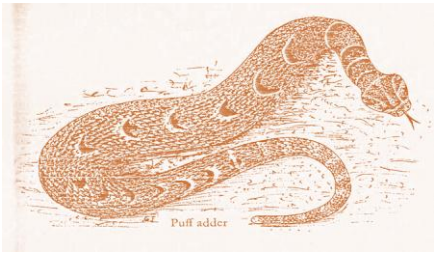
49. In the diagram below are vertebrate animals.



(a) Why are animals above called vertebrates?

(b) How do the animals above reproduce?

(c) In which way is the reproduction of the animal above different from a frog?

(d) Name the young one of a snake.

---

50 (a) Which gas is necessary for burning?

(b) Suggest one other process that uses the gas in (a) above.

(c) Wind is air in motion. Mention one way in which it is:

(i) Useful to plants: ……

(ii) Dangerous to plants: ……

51(a) What is poultry?

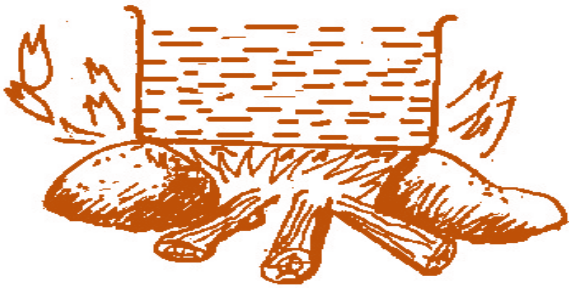
(b) Give two types of chicken commonly reared in Uganda

(i) _____

(ii) _____

(c) Which system in poultry is keeping used by most farmers in urban centres?

52. **The diagram below shows a saucepan with water on fire.**



(a) What type of fuel is used to produce heat?

(b) How does the heat get uniformly distributed in the water?

(c) With the help of arrows, show the movement of water molecules as they get heated.

(d) At what temperature is the water expected to boil?

53(a) Identify any two living components of the environment.

(i)_____(ii) _____

(b) Give two non-living components of the environment.

(i)_____(ii) _____

54. Match the items in A with those in B.

A		B
(i) Insecticides	-	weeds
(ii) Acaricides	-	insect vectors in the home.
(iii) Pesticides	-	ticks
(iv) Herbicides	-	crop pests

(i) Insecticides _____

(ii) Acaricides _____

(iii) Pesticides _____

(iv) Herbicides _____

55. **The diagram below shows a riverwort and a mushroom. Use it to answer thequestion that follow.**

(a) How are the two organisms similar?

_____

(b) Give one difference between the two organisms.

_____

(c) Name part marked **W**.

_____

(d) How do mushrooms feed?

_____

END

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