

EDUCATION SOURCE 2024
LAST SET TO PLE MOCK
INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No:

Random No.						Personal No.		

Candidate's name:

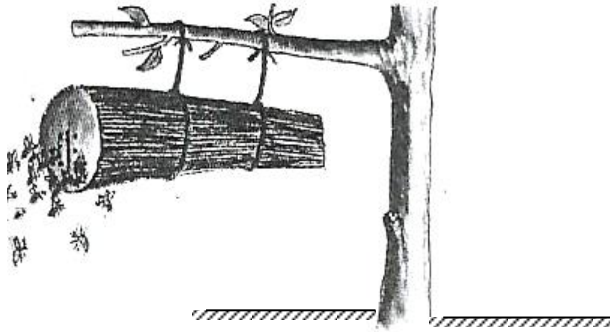
Candidate's signature:

District :

SECTION A.

1. Name **one** tool used to cut toe nails.
.....
2. Name any **one** natural indicator used in telling time.
.....
3. How can you prevent your body from smelling badly?
.....
4. Give any **one** use of a screw.
.....
5. How can you increase the pitch of sound in a tube fiddle?
.....
6. Why is a rat not a domestic animal?
.....
7. Give any **one** advantage of row planting in crop growing.
.....
8. In which **one** way can a P.7 candidate help to save fuel at home?
.....

The diagram below shows a bee hive hung on a branch of a tree.



9. Name the bee hive shown above.

.....

10. Give the use of tubers to cassava plant.

.....

11. Why do houseflies lay their eggs in rotting matter?

.....

12. Which type of change is volcanic eruption?

.....

13. Which reproductive gamete is found in ovaries of humans?

.....

14. Write any **one** way of controlling coccidiosis in rabbits.

.....

15. Name **one** class of vertebrates.

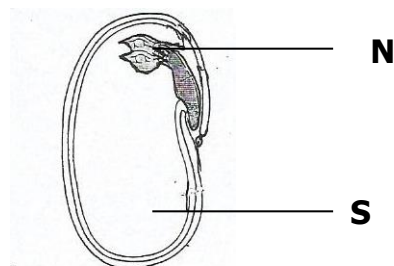
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16. Why is gap filling necessary in crop growing?

.....

.....

The diagram below shows part of a split bean seed. Use it to answer question 17 and 18.



17. Name the part marked **N**.

.....

18. Give the use of part **S** to the embryo.

.....

19. Why should harvesting of honey be done late in the evening?

.....

.....

20. Give **one** state of matter which has no definite shape?

.....

21. Give any **one** danger of using artificial fertilizers.

.....

22. How is colostrums important to a calf?

.....

23. To which group of simple machines does a ladder belong?

.....

24. Write any **one** cause of truancy in our communities.

.....

25. In the space below, draw a leaf of a mango plant.

26. Give the use of lightning conductors found on houses.

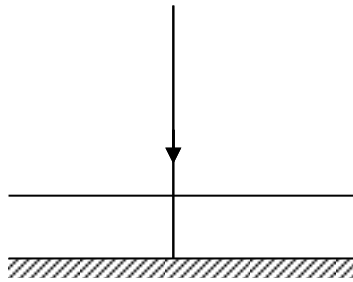
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27. State any **one** condition that may prevent a mother from breast feeding.

.....

28. The diagram below shows a ray of light hitting a smooth surface. Complete it by indicating the reflected ray.



29. How can friction in water and air be reduced?

.....

30. How is freezing useful to people?

.....

31. Give any **one** way you can reduce the chances of suffering from coronary heart diseases.

.....

32. Why is too much water in the soil not good for seed germination?

.....

33. Why are animals able to see objects?

.....

.....

34. How do cattle farmers benefit from biogas production?

.....

35. Why do hyenas always move near lions?

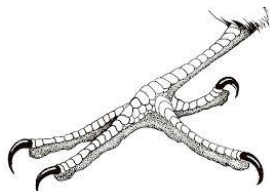
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36. Name **one** plant fibre from which clothes can be made.

.....

The diagram below shows a foot of a bird.



37. Give the use of the foot above to a bird.

.....

38. Why is blood circulation necessary in your body?

.....

39. Give any **one** danger of sharing shoes with another person.

.....

40. How does a compost pit benefit a family in a village?

.....

SECTION B.(60 marks)

41. (a) Give any **two** agents of seed dispersal.

(i)

(ii)

(b) Write **two** uses of seed dispersal to plants.

(i)

(ii)

42. (a) Apart from using chemicals, write **two** ways of controlling crop pests.

(i)

(ii)

(b) Write any **two** dangers of pests to crops.

(i)

(ii)

43. The information below shows a feeding relationship. Use it to answer question 43.

Grass → goat → leopard → bacteria

(a) Identify the feeding relation-ship shown above.

.....

(b) Which of the above organisms is a ;

(i) Secondary consumer

.....

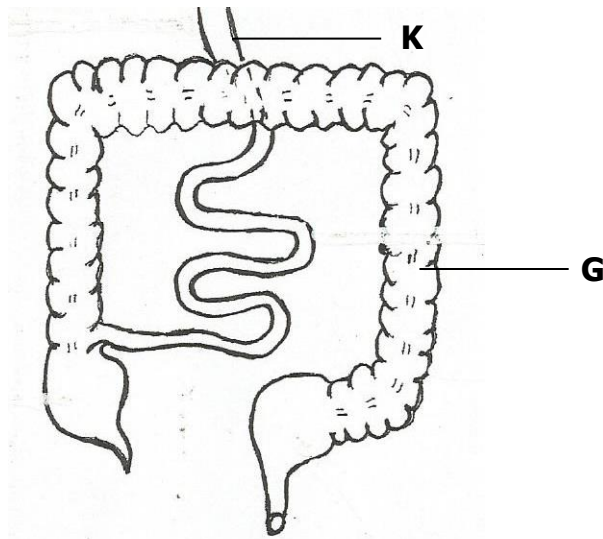
(ii) Producer

.....

(c) Write the use of bacteria in the above relationship.

.....

44. The diagram below show part of a body system. Use it to answer question 44.



(a) Identify the body system whose parts are shown above.

.....

(b) Give the functions of parts labelled **G** and **K**.

(i) **G**

(ii) **K**

(c) How do you care for the above system?

.....

45. (a) What causes burns?

.....

(b) Give the first aid for burns.

.....

(c) Write **one** difference between a first degree burn and a third degree burn.

.....

.....

(d) How can burns be prevented at home?

.....

.....

46. (a) Apart from goat, name any **one** animal that provides us with milk.

.....

(b) Give any **one** breed of goats kept in Uganda.

.....

(c) Which viral disease attacks goats?

.....

(d) How can viral diseases in goats be controlled?

.....

47. **Match the following diseases in A to their vaccines in B.**

A

Tuberculosis

Hepatitis B

Tetanus

Haemophilus influenza b

B

Hib vaccine

DPT vaccine

HeP B vaccine

BCG vaccine

A

(a) Tuberculosis

(b) Hepatitis B

(c) Tetanus

(d) Haemophilus influenza b

B

.....

.....

.....

.....

48. The list below shows different food stuffs. Use it to answer question 48.

rice, beans, cheese and oranges.

Vitamin	Carbohydrate	Fats and oils	proteins

Fill the table by using the above foodstuffs.

49. (a) Write any **two** conditions that may spoil drugs when in a store.

(i)

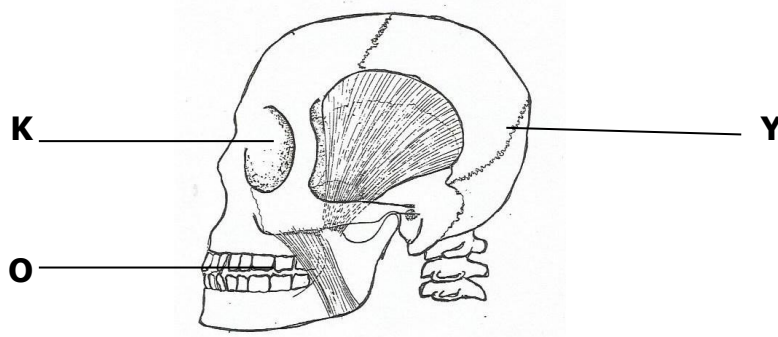
(ii)

(b) Give any **two** life skills that can safe guard you against smoking.

(i)

(ii)

50. The diagram below shows a skull. Use it to answer question 50.



(a) Name the parts labelled **O** and **K**.

(i) **O**

(ii) **K**.....

(b) Write any one body organ protected by the skull.

.....

(c) How is joint at **Y** different from that at the shoulder?

.....

.....

51. (a) Besides floods, give **one** other natural change in our environment.

.....

(b) Write any **two** effects of floods.

(i)

(ii)

(c) How can floods be controlled in our communities?

.....

52. The diagram below shows food being prepared.



(a) Identify the fuel being used above.

.....

(b) Write any **one** disadvantage of using the kind of fuel shown above.

.....

(c) Give the use of covering food with banana leaves.

.....

(d) Why is the saucepan made of aluminum?

.....

53. The diagram below shows a activity being carried out on a crop farm. Use it to answer question 53.



(a) Identify the activity being carried out.

.....

(b) Which energy resource is being used?

.....

(c) Name the equipment being driven by the animal.

.....

(d) Give **one** advantage of using the above energy resource over a tractor.

.....

.....

54. (a) Which germ causes malaria?

.....

(b) Write one signs of malaria.

.....

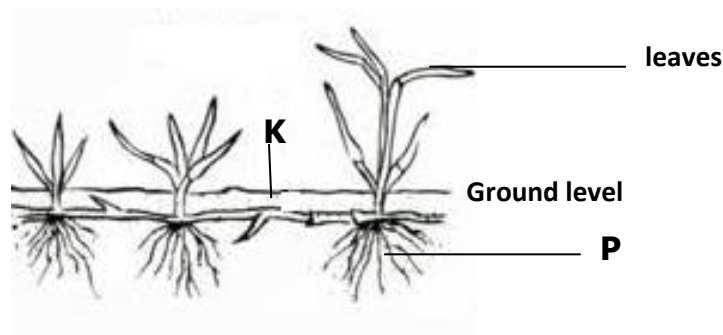
(c) Without using chemicals, how can you control malaria at home?

.....

(d) Give any **one** effect of malaria to people.

.....

55. **The diagram below shows a rhizome. Use it to answer question 55.**



(a) Name parts labelled **K** and **P**.

(i) **K**

(ii) **P**

(b) Give any **one** example of a rhizome.

.....

(c) How is the above plant harvested?

.....

END.