

ST CHARLES LWANGA NUR.AND PRI.SCH.KAWANDA
PRE-MOCK SET ONE EXAMINATIONS, 2024
P.7 SCIENCE

Time allowed: 2 hours 15 minutes

Index No.

--	--	--	--	--	--	--	--	--	--

STREAM: _____

Candidate's Name: _____

SECTION A (40 MARKS)

1. Which type of soil is best for crop growing?

2. How are anaerobic bacteria important in the bio-gas digester?

3. Which group of living things do the lions belong?

4. How do the plants benefit from animals?

5. Name the animal disease detected by using the farm equipment shown below.

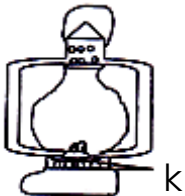


6. Name any one new substance formed when a piece of paper is burnt.

7. Give any one natural cause of environmental degradation.

8. Mention any one cause of divorce in a family.

The diagram below shows a lantern, use it to answer question 9.



9. State the importance of holes marked k on the diagram.

10. Which component of soil is formed by decomposition?

11. How is D.P.T vaccine administered?

12. Why does a maize plant develop prop roots during flowering?

13. Give any one way of caring for our eyes.

14. Give the advantage of streamlined body to a fish.

15. How does the practice of planting trees help to conserve the environment?

16. Give any one way a tomato farmer can increase his yields in the garden.

17. Identify any one anti-social behavior which results from drug abuse.

18. Name the major source of energy in the environment.

19. Give any one item a First Aider can use to give First Aid to a person who has cut his finger.

Below is an animal, use it to answer questions 20 – 21.



20. To which group of vertebrates does the above animal belong?

21. How does the animal above protect itself against its enemies?

22. Mention one mineral responsible for proper growth of bones in the body.

23. Why is a camera grouped under optical instruments?

24. How is transpiration in plants useful in the environment?

25. Why would it be necessary for a sheep farmer to keep records?

26. Identify any one way of addressing health concerns in the community.

27. Give any one common disease that has cough as a sign.

28. In the space below, draw a simple serrated leaf.

29. Why do solids have a definite shape?

30. State any one effect of floods in a community.

31. How do bees benefit from a surrounding flower garden?

32. Why is a latrine an important component in a home?

33. Besides breast feeding mothers and their babies, give any other group of vulnerable people.

34. Why is a fuse made of a thin wire?

35. Why is a piece of wood not attracted by a magnet?

36. How does a guitar produce sound?

37. Mr. Magezi's torch uses three dry cells. What is the importance of dry cells in a torch?

38. How do uncontrolled crop diseases affect farmer's crops?

39. Why does a brick maker need a lot of carbohydrates?

40. Name the liquid metal which is used in thermometers.

SECTION B (60 MARKS)

41 (a) Write down the P.H.C activities which promote the following elements:

(i) Food and Nutrition:

(ii) Control of communicable diseases.

(iii) Sanitation: _____

(b) Give any one disease which may result from poor sanitation.

42. Identify any two primary sex characteristics common in the following:

(a) Adolescent boys:

(i) _____

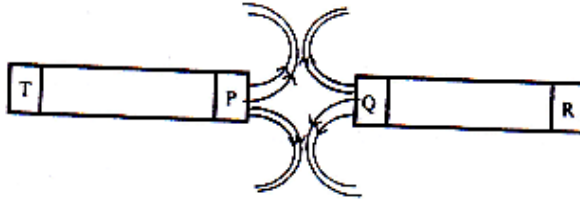
(ii) _____

(b) Adolescent girls:

(i) _____

(ii) _____

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



(a) What property of magnets is shown above?

(b) Name pole R:

(c) Give any two uses of magnets in our daily life.

(i) _____

(ii) _____

44(a) What are water-borne diseases?

(b) Give any two examples of water-borne diseases.

(i) _____

(ii) _____

(c) Suggest any one way of controlling the above diseases.

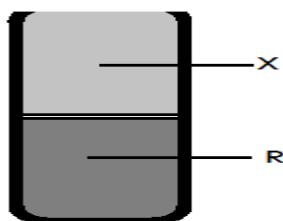
46(a) Give the major reason for keeping broiler chicken.

(b) Why do layers sometimes lay soft-shelled eggs?

(b) What should a poultry farmer do to prevent the problem in (b) above?

(d) Mention one example of poultry vice a part from egg eating.

46. Mukalazi poured water and petrol in the container below:



(a) Name liquid x: _____

(b) Why is liquid R at the bottom?

(c) According to the above, why is it not advisable to put out petrol fire using water?

(d) Name any one liquid which floats on water.

47(a) Identify the components of air with the following percentage.

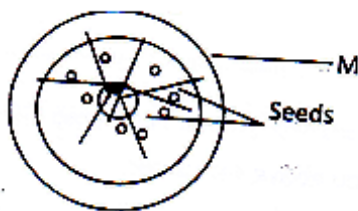
(i) 78% _____

(ii) 0.3% _____

(b) Name the component of air needed for seed germination.

(c) How is moving air important to man?

48. **The diagram below shows the cross section of an orange fruit. Use it to answer questions that follow.**



(a) Name part marked M _____

(b) To which group of succulent fruits does it belong?

(c) What food value is got from eating a fruit shown above?

(d) Besides the above, name any other fruit in the same group.

49(a) State the two types of digestion in human beings.

(i) _____

(ii) _____

(b) Identify the juice produced by stomach walls.

(c) Why doesn't digestion of food take place in the colon?

50. Match items in list A with those in list B correctly.

A

Housefly

Fish

Spider

Earthworm

B

Book lungs

Gills

Moist skin

Spiracles

lungs

(i) Housefly: _____

(ii) Fish: _____

(iii) Spider: _____

(iv) Earthworm: _____

51(a) Give any two renewable resource in our environment.

(i) _____

(ii) _____

(b) Suggest any one way of conserving any of the above resources.

(c) Mention any one human activity that degrades the environment.

52. **The diagram below shows the shape of a certain type of cattle. Use it to answer questions that follow:**



(a) Identify the type of cattle with the above shape.

(b) Name the main product obtained from the above type of cattle.

(c) Name any one exotic breed of cattle under the above type.

(d) Give any one way of preserving milk.

53(a) Give any two advantages of growing crops, planting trees and rearing animals on the same piece of land.

(i) _____

(ii) _____

(b) What name is given to the above farming practice?

(c) How does poor handling of farm animals affect the above practice?

54. **The following are stages in the cycle of a housefly. Use them to illustrate the life of a housefly.** pupa, adult, egg, larva

55(a) Give any one example of each of the following:

(i) Root crop: _____

(ii) Fruit crop: _____

(iii) Vegetable crop: _____

(iv) Cereal crop: _____

*******GOD BLESS*******