

ATLAS JUNIOR ACADEMY – LUGOBA NABWERU

MID TERM TWO EXAMINATION 2023

INTEGRATED SCIENCE

PRIMARY FOUR

Time allowed: 2 hours 15 Minutes

NAME:.....

CLASS:.....STREAM.....

SECTION A (40 MARKS)

1. Name any one living component of the environment.

2. Which system of a flowering plant develops from the plumule of a seed?

3. Name one example of a spore bearing plant.

4. Which component of the soil makes it to appear dark in colour?

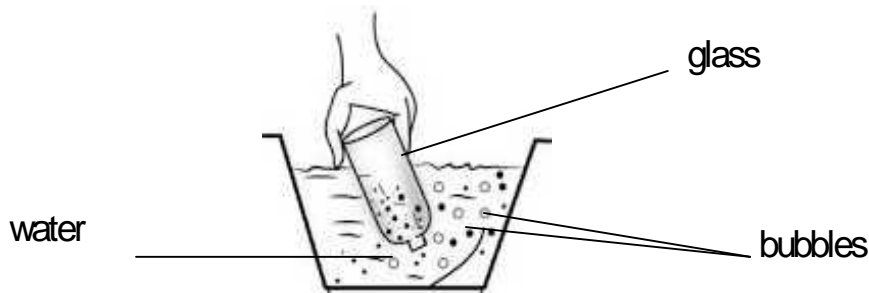
5. In which direction is the shadows when the sun in setting?

6. What is a seed?

7. Write one danger of soil erosion in the farmers.

8. Which component of air is used in fire extinguisher?

9. Write the general name given to the reproductive part of a flowering plant.



10. State the property of air shown in the diagram above.

11. A part from the property mentioned in no (10) above.

12. State any one other property of air.

13. Why is a moth able to pollinate flowers at night?

14. Suggest any one way of preventing teeth diseases.

15. Mention one physical process involved in the rain cycle.

16. Name the process by which plants lose water in form of water vapour to the atmosphere.

17. Which type of clouds appear furthest in the sky?

18. Write one waste product removed from the body by the kidneys.

19. Name any one crop growing practice that helps to keep moisture in the soil.

20. Explain the meaning of Broadcasting planting method.

21. Write one component of 4Fs germ path.

22. Give any one form of energy which is produced when a candle is burning.

23. Which class of food is responsible for repairing the worn out body cells?

24. Name the tool used at home below.



25. What is a balanced diet?

26. How are the lungs useful in the human body?

27. Why is a rain gauge placed in an open space when measuring the amount of rainfall?

28. Suggest one advice that you can give mother whose child has poor night vision.

29. Give a reason why a Stevenson screen is painted white.

30. Which deficiency disease is characterized with swollen neck?

31. State the role of files in 4Fs germ path.

32. Explain the term "Nutrition."

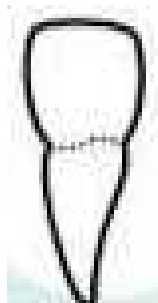
33. In which region of the body do we find the organ used for filtering blood?

34. Which condition of weather is measured using a hygrometer?

35. Name any one vitamin related disease in humans.

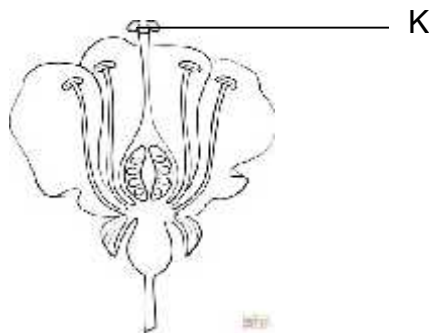
36. What are deficiency diseases?

37. How useful is the type of tooth drawn below?



38. In which system of the body do the human teeth belong?

39. In the diagram below, state how part K is adapted to its function.



40. Suggest any one way of preventing rickets in young children.

SECTION B (60 MARKS)

41. Define the term transpiration.

b) State two ways plants reduce the rate of transpiration.

i) _____

ii) _____

c) Write one importance of transpiration to a plant.

42. a) How useful is chlorophyll during the process of photosynthesis?

b) Where in an Irish potato is food made through photosynthesis stored?

c) A part from Chlorophyll, outline two other conditions needed for photosynthesis to take place.

43. Match body organs with their functions.

Organs

Lungs

Stomach

Kidney

Urinary bladder

Functions

filters blood

stores blood

gaseous exchange

stores urine before it is passed out.

44. a) What do we call the process by which;

i) vapour changes into liquid _____

ii) liquid changes into vapour _____

b) Write one activity done during the wet season.

c) In which units is rainfall measured?

45. a) What name is given to the group of crops that grow and live for many seasons?

b) Give two examples of such crops named in (a) above.

i) _____

ii) _____

c) Suggest one way of harvesting crops you have mentioned above.

46. a) How is rusting similar to seed germination?

b) State one condition necessary for rusting to take place.

c) Identify any two dangers of rusting to metallic garden tools.

i) _____

ii) _____

47. a) Write any two methods of preserving local foods.

b) State any one way how food gets contaminated.

c) Suggest one way of preventing food from being contaminated.

48. a) Which mineral salts is responsible for hardening the human teeth?

b) Name two types of human teeth.

i) _____ ii) _____

c) How many teeth are found in the milk set of teeth.

49. a) Explain the term “fuel”

b) Mention two examples of artificial sources of energy.

i) _____ ii) _____

c) Identify any two ways of saving wood fuel.

i) _____

ii) _____

50. a) Explain the term “disease vector”

b) State any one way of controlling disease vectors around our homes.

c) Write any one cultural practice that can lead to the spread of HIV/AIDs.

d) Suggest one way of controlling the spread of malaria.

51. a) Nose is to man as _____ is to cockroaches.

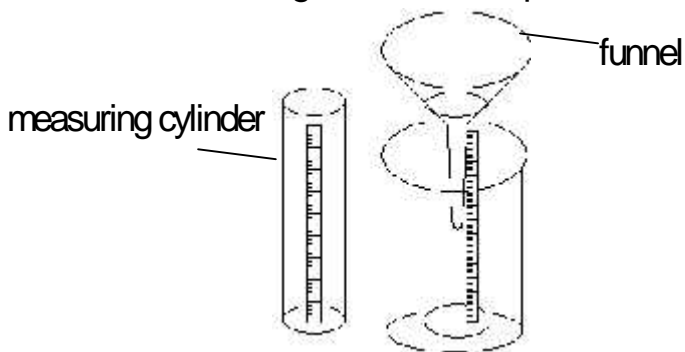
b) How useful are hairs found in the nose of person during breathing?

c) Suggest any two ways of caring for human body organ.

i) _____

ii) _____

52. Use the diagram to answer questions that follow.



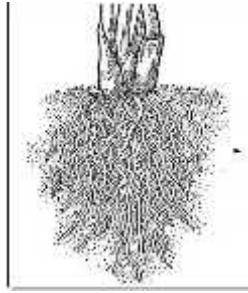
a) Identify the suitable place for the above diagram weather instrument.

b) Give a reason to your answer in No 52(a) above.

c) Why is rainfall measured in millimetres?

d) How is the diagram drawn above useful at a weather station?

53. Use the diagram to answer questions that follow.



a) Name the type of root shown in the diagram above.

b) Apart from the type of root system mentioned above, name one other type of root system.

c) Name two crops that have the above type of root system in the diagram.

i) _____ ii) _____

54. a) Name the deficiency disease that affects the following parts;

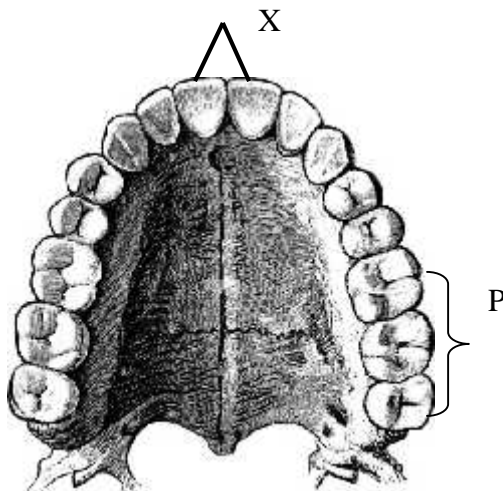
i) Neck _____

ii) Eyes _____

iii) Legs _____

b) Suggest one best way of controlling deficiency diseases among infants.

55. Study the diagram and answer questions that follow.



a) Name the type of teeth labeled X and P.

X _____ P _____

b) Mention one disease that affects the teeth.

c) Suggest one way of caring for the human teeth.

SUCCESS