



HORMISDALLEN SCHOOL-GAYAZA
INTEGRATED SCIENCE
ASSESSMENT TWO E-LEARNING – 2021
PRIMARY SIX

SECTION A

1. State any one use of proteins in the body.

2. Give any one method of obtaining clean water from muddy water.

3. Why is sand soil unable to hold water?

4. Name the important process which takes place in ileum during digestion of food.

5. How does crop rotation control pests in the garden?

6. Identify the type of leaf venation illustrated below.



7. What is immunity?

8. State any one condition of weather.

9. How does mulching control soil erosion in the garden?

10. Name any one item used to promote sanitation.

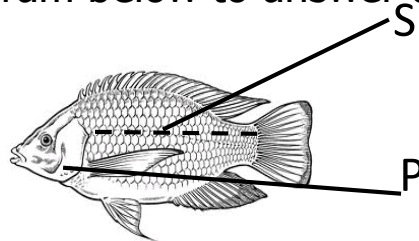
11. Why is a person having diarrhoea encouraged to take plenty of fluids?

12. Name the disease vector which lays eggs in fast flowing water.

13. How is a vent pipe important on VIP latrine?

14. Give any one way freezing is similar to condensation.

Use the diagram below to answer question 15 and 16.



15. Name part of fish marked P.

16. How is part S useful to a fish while in water.

17. What effect is caused by lack of iodine in the body?

18. Name the component of blood that is affected by malaria parasites.

19. State one factor considered by medical worker before prescribing a drug.

20. Besides oxygen, name the other raw material for respiration.

21. Name the cattle disease that attacks the udder.

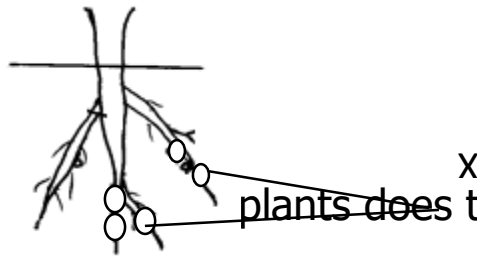
22. How is a wind sock useful at a weather station?

23. In which way does painting of metals prevent rusting?

24. Give one reason why some flowers produce scent.

25. Name the degree of burn which forms blisters on the skin.

The diagram below shows a root system of a flowering plant. Study and use it to answer question 26 and 27.



26. To which group belong?

plants does the above root system

27. How are structures marked X important to the plant?

28. To which group of vertebrates does a chameleon belong?

29. Name the germ that causes COVID 19.

30. Give any one way of controlling skin disease among children.

31. By what process does smoke move through the chimney?

32. How does the practise of cutting the beak help to control poultry vices among birds?

33. State the reason why earth worms are usually seen coming out of the soil after it has rained?

34. Name the gas which is used by plants to make starch.

35. Give one use of dust bins in a classroom.

36. Name any one condition necessary for a plant to make its own food.

37. Name any one breed of cattle kept for milk production.

38. How are scavenger birds important in the environment?

39. Why does a coin placed in water sink?

40. State any one way of controlling weeds in the garden.

SECTION B

41. a) To which group of mammals does a rat belong?

b) Why would you group a monkey and a man together?

c) Mention any two example of ungulates.

i) _____

ii) _____

42. a) Why are animals regarded as renewable resources?

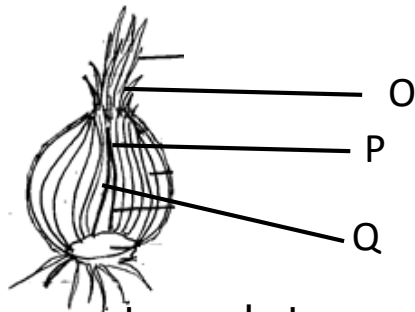
b) Suggest any way two ways people use animals as resources.

i) _____

ii) _____

c) How does the use of electricity conserve plants?

43. **The diagram below shows a bulb. Study and use it to answer questions that follow.**



a) Name parts markets;

i) O _____

ii) P _____

b) What type of root system does the above plant have?

c) State the importance of part labelled P to the plant.

44. a) What is passive smoking?

b) Give one reason why active smokers find it hard to stop smoking.

c) Why is smoking discouraged at petrol stations?

d) State one effect of smoking to an individual.

45. a) Mention any two primary sex characteristics common both in girls and boys.

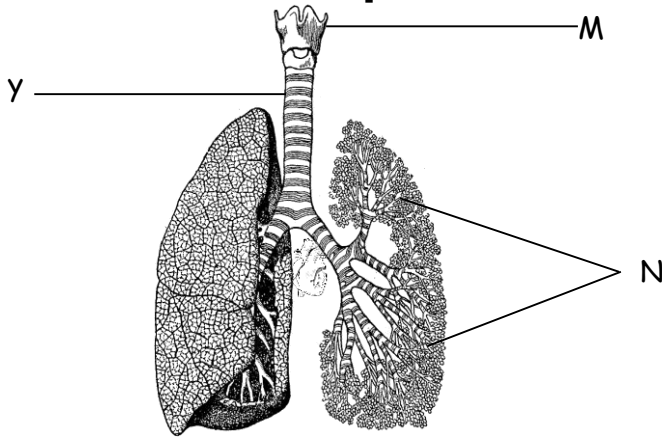
i) _____

ii) _____

b) Suggest any one problem faced by adolescents.

c) Name any one sexually transmitted disease.

46. **The diagram below shows respiratory organs, study it and use it to answer questions that follow.**



a) Name the parts marked;

i) M _____ (ii) N _____

b) How are structures marked N important?

c) Why is part Y made up of rings of cartilage?

47. a) What is agroforestry?

b) How do plants benefit from livestock on a farm?

c) State any two ways in which a farmer benefits from trees.

i) _____

ii) _____

48. **Match the weather instrument below and their functions.**

A

B

i) Wind vane

- measures air pressure.

ii) Anemometer

- measures amount of rainfall received.

iii) Barometer

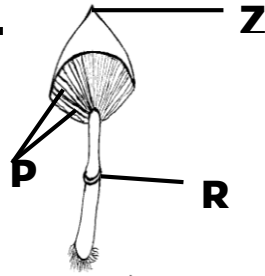
- shows direction of wind.

iv) Rain gauge

- measures speed of wind.

- i) Wind vane - _____
- ii) Anemometer - _____
- iii) Barometer - _____
- iv) Rain gauge - _____

49. **The diagram below shows type of fungi. Use it to answer the question that follow.**



a) Name the parts marked.

i) **Z** _____ (ii) **R** _____

b) How is part **P** important to a fungus.

c) Apart from the above fungi, name any one other fungus.

50. a) Name any one example of amphibians.

b) State any two characteristics of amphibians.

i) _____

ii) _____

c) How do amphibians protect their eggs from predators?

51. a) Mention any two groups of vulnerable people.

i) _____

ii) _____

b) State any two ways of caring for vulnerable people.

i) _____

ii) _____

52. a) What are essential drugs?

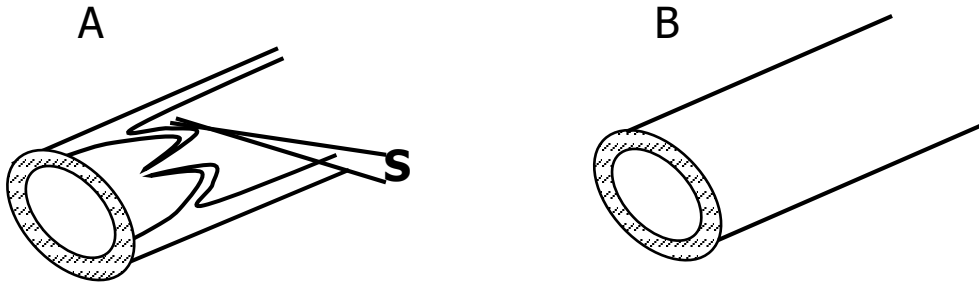
b) Give any two examples of essential drugs.

i) _____

ii) _____

d) Why is it dangerous to buy drugs from local shops?

53. **The diagrams below show blood vessels, study them and answer questions that follow.**



a) Identify the blood vessels,

i) **A** _____ **B** _____

b) How are structures marked S useful to blood vessel **A**?

c) Give one structural difference blood vessel **A** and **B**.

54. a) What is soil erosion?

b) State any two ways of controlling soil erosion in a hilly area.

i) _____

ii) _____

c) Give any one cause of soil erosion.

55. a) State the role of the following components of **O.R.S**

i) water _____

ii) sugar _____

b) Give the first two steps followed when making home-made **O.R.S**.

i) _____

ii) _____

End