

KAWEMPE MODERN PRIMARY SCHOOL
MID-TERM II EXAMINATIONS, 2024
P.6 INTEGRATED SCIENCE

Name: _____

SECTION A: 40 MARKS

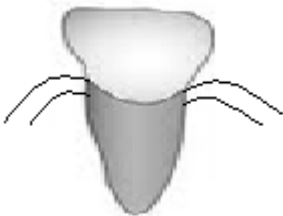
1. Name the domestic fowl which is grouped among swimming birds.

2. State the importance of haemoglobin in the red blood cells.

3. Identify the type of teeth in man with a chisel shape.

4. Give **one** reason why poultry farmers carryout culling on the farm.

5. Name the type of teeth in the diagram below.



6. Give the function of the above tooth.

7. Name the force that pulls back objects to the centre of the earth.

8. Why are echoes reduced using soft porous materials in cinema hall?

9. Name any **one** type of blood circulation.

10. Give **one** reason why animals make sound.

11. Identify any **one** physical process involved in the distillation method of making alcohol.

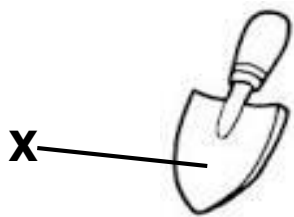
12. Why does fish die shortly after being removed from water?

13. Name any **one** germ that cause dysentery in people.

14. State the importance of sticky tongue to a frog.

15. Which method of making alcohol involves the use of sugar and yeast?

Study the diagram of a garden tool below and use it to answer questions 16 and 17.



16. Name the garden tool shown in the diagram above.

17. What can happen to part **X** if the tool is left outside the house for 3 days?
-
18. Give **one** adaption of the gill filaments to their functions.
-
19. Apart from recording sound, give **one** other way of storing sound.
-
20. At what age is measles vaccine given to infants?
-
21. Give any **one** property of air.
-
22. Name the biggest vein in the body of humans.
-
23. State the importance of the mucus found on the body of tapeworms.
-
24. Why does water drains faster in sandy soil than clayey soil?
-
25. Give a reason why mushrooms cannot make their own food.
-

Study the diagram below and use it to answer the questions that follows.



26. Name the component of blood shown in the diagram above.
-
27. Give the function of the above blood cells in the body of humans.
-

28. Which part of a maize grain stores food for the germinating embryo?

29. Give any **one** characteristic of arthropods.

30. How is a bathroom useful at home?

31. Which part of skeletal system protects the brain?

32. Give any **one** way of saving wood fuel in a home.

33. State **one** importance of sound in the environment.

34. How do poultry farmers benefit from shells of snails?

35. Give the use of soap in promoting personal hygiene.

36. Identify **one** place where soil profile can easily be viewed.

37. Name **one** type of alcohol.

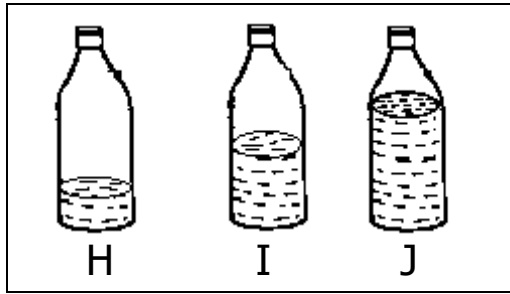
38. Which element of PHC helps people to control malnutrition in their houses?

39. Why are reptiles grouped among cold blooded vertebrates?

40. State the use of windsock on a weather station.

SECTION B: 60 MARKS

41. The diagrams below show bottles of the same size but with different amount of water.



a) Identify the bottle from the above which will produce the highest pitch of sound when one blows air inside.

b) Give a reason to support your answer in (a) above.

c) State **two** factors that affect the pitch of sound.

42. a) Mention **two** examples of:-

i) chemical changes

i) _____ ii) _____

ii) biological changes

i) _____ ii) _____

43. a) Name any **one** example of birds of prey.

b) How are the following parts useful to the birds of prey;

i) sharp hooked beak

ii) good eye sight

iii) strong curved claws

44. a) Give **two** causes of cannibalism in poultry.

i) _____

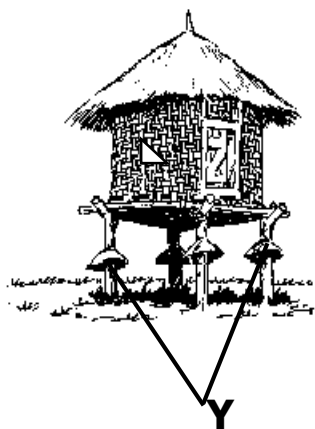
ii) _____

b) State **two** ways of controlling cannibalism in poultry.

i) _____

ii) _____

45. The diagram below is of granary. Use it to answer the questions about it.



a) Name the structures marked **Y** from the diagram above.

b) State the importance of the structures marked **Y** from the diagram above.

c) Why is it important to dry crops properly before putting them in the granary?

d) Name the group of pests that attack harvested crops when poorly stored.

46.a) Which blood vessel carries blood from the heart to the lungs?

b) State the function of valves in the heart.

c) Mention **two** materials transported by blood plasma.

i) _____

ii) _____

47. a) Name the substance in tobacco that leads to:-

i) Lung cancer _____

ii) addiction _____

b) Give **two** factors that lead to smoking of tobacco.

i) _____

ii) _____

48. a) How does deforestation lead to soil erosion?

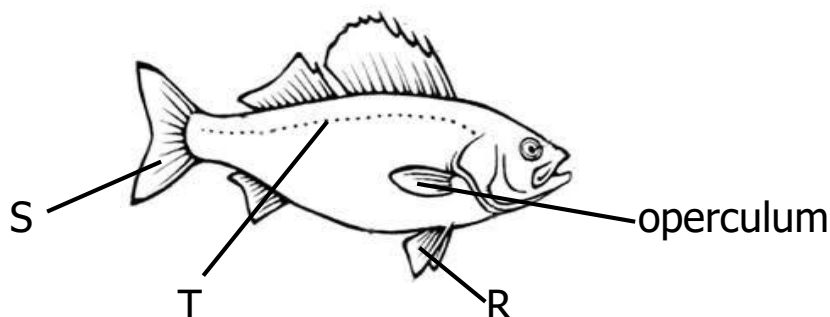
b) Apart from deforestation, give any other **two** causes of soil erosion.

i) _____

ii) _____

c) State **one** way of controlling soil erosion in hilly areas.

49. **The diagram below is of a fish. Use it to answer the questions that follow.**



a) Name the parts marked **R** and **S** from the diagram above.

i) **R** _____

ii) **S** _____

b) How is part **T** useful to a fish.

c) Which part of fish is protected by the operculum?

50. a) Why is aluminium commonly used in making utensils?

b) Which process enables farmers to dry their harvested crops using heat from the sun?

c) State the importance of the following parts of a living house:-

i) Ventilators _____

ii) Windows _____

51. a) Apart from the heart, mention **two** other parts of the circulatory system.

i) _____

ii) _____

b) What name is given to the special muscles that make up the heart?

c) Why does blood go to the kidney before circulation?

52. a) Give the meaning of the term personal hygiene.

b) How does toothpaste keep the teeth healthy?

c) Apart from toothpaste, mention **two** items used to clean our teeth.

i) _____

ii) _____

53. **Match the following terms to their meanings as used in sound energy.**

i) pitch is the number of vibration per sound.

ii) frequency is the highness or lowness of sound.

iii) echo is the loudness or softness of sound.

iv) volume is the reflected sound that we hear.

i) pitch _____

ii) frequency _____

iii) echo _____

iv) volume _____

54. a) Name the class of food used to:-

i) build the body _____

ii) give energy to the body _____

b) Write down any **two** of the 5Hs.

i) _____

ii) _____

55. a) Why are earthworms referred to as hermaphrodites?

b) Give a reason why earthworms come out of the soil after raining.

c) State the importance of the following parts of a tapeworm.

i) hooks

ii) suckers

END