



LAIKA EXAMINATIONS, 2024
PROMOTIONAL EXAMINATION SET II
PRIMARY SIX – INTEGRATED SCIENCE

NAME: _____ **Stream:** _____

TIME ALLOWED: 2HRS 15MINUTES

INSTRUCTIONS:

1. Attempt all Questions
2. Any drawing must be done in pencil
3. Use very good handwriting

Examiner's Use Only

SECTION A

SECTION B

TOTAL

SECTION A:

1. Name the mouth part of a worker bee.

2. State the use of the mammalian ear to a P.6 child.

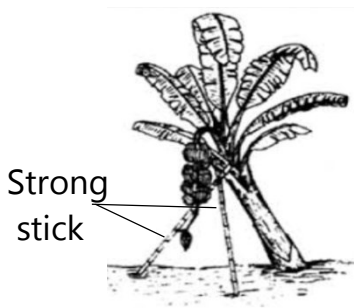
3. State any one item used in a school to promote general cleanliness.

4. Litter are materials used to cover the floor of a poultry house. How does litter help to keep the poultry house dry and clean?

5. State any one characteristic of animals.

6. Namata took her daughter of thirty-six weeks to a health centre and she was injected on the left upper arm. Name the childhood immunisable disease she was prevented from using the vaccine received.

7. The diagram below shows crop growing practice commonly used by farmers. Use it to answer question 7 and 8.



Banana plant.

X

Name the crop growing practice shown in the diagram above

8. Why do farmers cut off the shoot of part X when propagating the above plant?

9. State one way water is replaced naturally in water bodies.

10. To which group of arthropods does a crab belong?

11. State the component of soil which help plants to carry out photosynthesis.

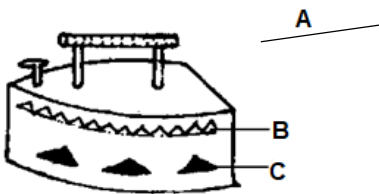
12. Name the force that makes objects weigh less when put in water.

13. Which type of mosquito spreads malaria parasites?

14. Mention the digestive juice found in the mouth.

15. How are bees useful to a crop farmer?

16. Below is an illustration of a device used to promote personal hygiene at home.



Name any one material used to make part marked A in the diagram

17. Mention the importance of part C to the device.

18. State one product got from rabbits that is useful to crop farmers.

19. Mention any one reason why health workers prescribe drugs.

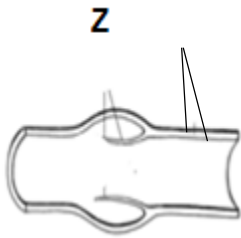
20. State one disease that affects the respiratory system.

21. How are bacteria and fungi similar in terms of feeding.

22. Give one example of a root tuber with woody stem.

23. State the physical process involved in distillation as a method of making alcohol.

24. Which type of blood is carried by the blood vessel shown in the diagram below?



25. State the component of a clinical thermometer which performs the similar function as structures Z in the above blood vessel.

26. Apart from Angora goat, give any one other breed of goats reared for mohair.

27. State any one example of records kept on a goat farm

28. In the space below, draw and name the best garden tool used for watering crops in drought conditions.



29. What time of the day is most recommended by farmers to carry out transplanting.

30. A stone of mass 40g was gently immersed in water and displaces 80cc of water. Calculate its density.

31. Give one adaptation of a fish which makes it able to live in water comfortably.

32. How does the pitch of a guitar as a string musical instrument be changed?

33. State one addictive harmful substance contained in tobacco.

34. Which vaccine is regarded as triple vaccine

35. Covert 950C to Fahrenheit scale.

36. What are chemical changes?

37. Mulching is the covering of topsoil with dry plant materials. How does mulching improve on soil fertility?

38. State any one material used by pupils to promote oral hygiene.

39. Name any one animal which protects itself by changing its colour.

40. Name the substance that can exist in all the three states of matter

SECTION B:

41a) What is soil profile?

(b) Which soil layer is suitable for crop growing?

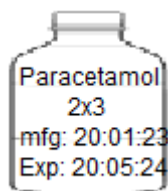
(c) State two ways how farmers can improve soil fertility without using fertilisers.

i)

ii)

(d) State any one way a P.6 child can safely guard him or herself from worm infestation.

42. Use the diagram below about drugs to answer the questions that follow.



a) Name the drug shown above

b) How many tablets does a patient supposed to take in a day?

c) What scientific name is given to the expression 2x3 shown on the drug above?

d) What can happen to a person who will take the above drug on 20th May 2024?

43a) What do you understand by the term "Chemical change"?

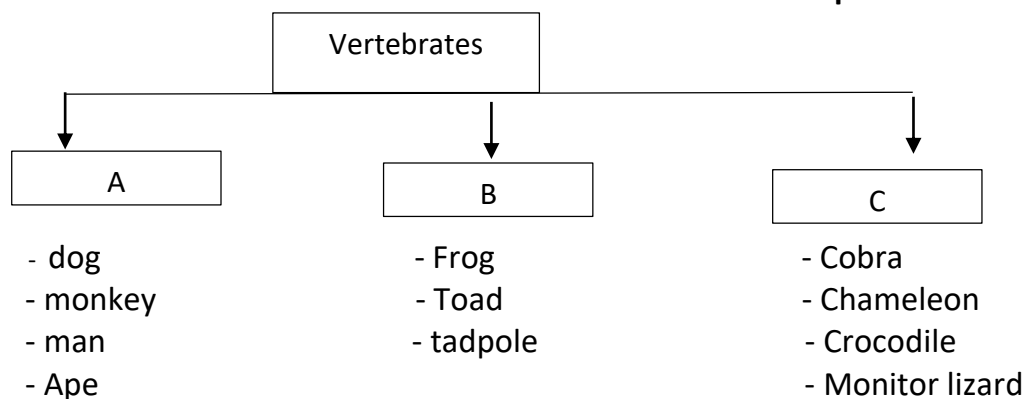
b) State two examples of chemical change.

(i) _____

(ii) _____

c) How is a chemical change different from a physical change?

44. Study the classification chart about vertebrates and answer the questions that follow.



(a) Name the class of vertebrates represented by

i) A _____

ii) B _____

(b) How are vertebrates in C similar to those in A in terms of reproduction?

(c) To which group of vertebrates in the above illustration can you group a tortoise and turtle?

45a) Name the main source of water in the environment.

b) State any two items used to harvest rain water.

i) _____

ii) _____

c) How can boiled water be made contaminated at home?

46. Sound is a form of energy that stimulates the sense of hearing.

(a) Name the human body organ that works by the help of sound energy.

(b) State the use of ear wax found in the human ear.

(c) Besides ear wax, give one other cause of partial deafness to human

(d) How useful is the human ear to the deaf?

47.a) List down two poisonous substances found in tobacco

i) _____ ii) _____

(b) Give one danger of smoking to a pregnant woman

(c) State the effect of staying near someone who is smoking.

48a) Name the body system responsible for transporting materials in the body.

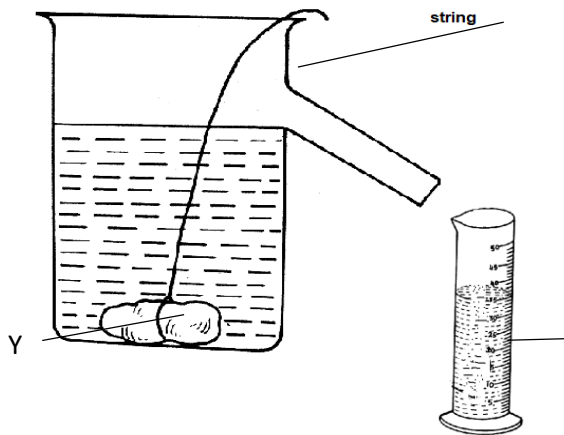
(b) State the function of red blood cells in the body.

(c) Which chamber of the mammalian heart receives;

i) oxygenated blood from the lungs to the heart _____

ii) deoxygenated blood from the body to the heart _____

49. The diagram below shows an experiment carried out by a P.6 class. Use it to answer the following questions.



- a) Why is the method above used to find the volume of object y?

- (b) Name the instrument Z.

- (c) If the mass of the object marked Y is 120g, calculate its density. (02 marks)

50a) Name the first type of teeth which develops in human beings

(b) Give any two ways of caring for our teeth.

- i) _____
- ii) _____

(c) What do birds like ducks use to crush cereals yet they don't have teeth?

51. Match diseases with their vectors

Disease

vector

Yellow fever

Black fly

River blindness

Aedes mosquito

Trachoma

Cockroach

Polio

Housefly

- (i) Yellow fever _____
- (ii) River blindness _____

- (iii) Trachoma _____
- (iv) Polio _____

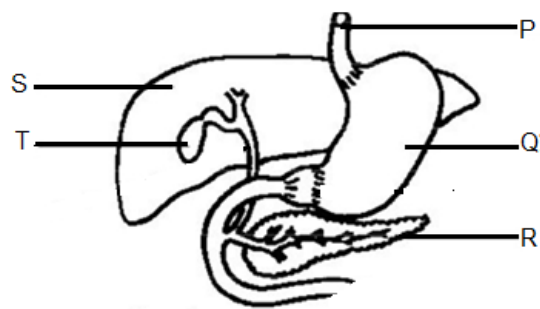
52.Briefly explain the term immunity?

(b) How does a baby acquire each of the following type of immunity;

- (i) Natural immunity _____
- (ii) Artificial immunity _____

(c) Write UNEPI in full

53.The diagram below shows part of the alimentary canal.



a) Name the parts marked

- (i) P_____
- (ii) R_____

(b) Which class of food is first digested in part Q?

(c) State the function of part T.

54a)Write down two structural difference between a vein and an artery

- i) _____
- ii) _____

b) Which type of blood vessel carries blood away from the heart?

c) Why does blood flow to lungs?

55a)Give any two elements of PHC

- i) _____
- ii) _____

b) How can a P.6 boy participate in PHC

c) Write one principle of PHC

END.