



ST. FRANCIS DAY & BOARDING PRIMARY SCHOOL, NTINDA

PRACTICE PAPER 4 TERM III, 2025

PRIMARY SEVEN

Integrated Science



Random No.						Personal No.		

NAME: _____ STREAM: _____

SECTION A (40 MARKS)

1. Name the longest and strongest bone in the human body.
.....
2. Give a reason why we see lightning before hearing thunder during a storm.
.....
3. Why is it a bad habit to groom finger nails using your teeth?
.....
4. Identify the method of heat transfer that enables bricks to bake in a kiln.
.....
5. State a reason why doctors encourage couples to go for treatment together after diagnosing one with gonorrhoea.
.....
6. Why is water obtained by distillation not recommended for drinking?
.....
7. Identify the type of soil which has fine texture and high water retention capacity.
.....
8. Identify **one** cattle disease controlled using quarantine method.
.....

Use the information on the medicine below to answer Qs. 9



9. How many tablets are packed for a complete dose that lasts for 3 days?

10. How does smoking affect a pregnant mother?

11. Explain briefly how the process of inhalation encourages energy production in human bodies.

12. Mention the class of lever whose parts are arranged in the order "FLE".

13. State the function of the blood cell below.



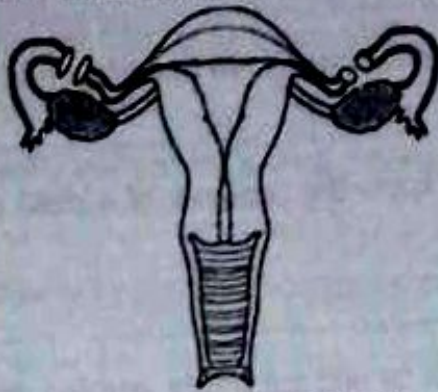
14. In which **one** way is the reproduction of Kangaroos similar to that of duck billed platypus?

15. Mention any **one** management practice carried out on a goat farm.

16. Identify **one** environmental friendly measure of controlling mosquitoes in our community.

17. Give **one** way how non-renewable resources are controlled from extinction.

18. Identify the permanent family planning method illustrated below.



19. State the importance of including calcium in chicken mash.

20. Write PHC in its full form.

21. Identify any **one** consequence of biological changes.

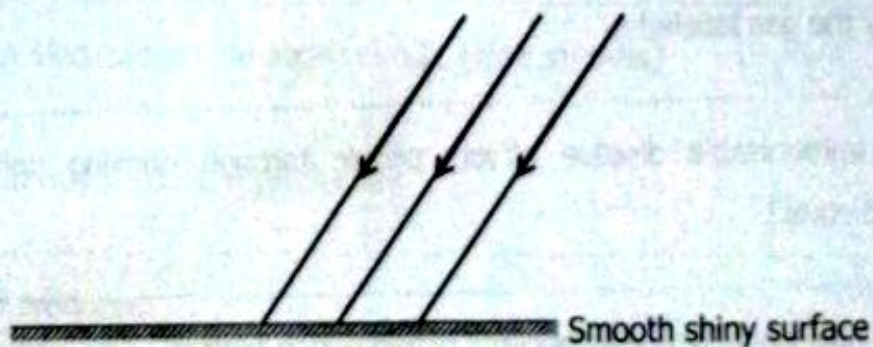
22. Name the cold blooded group of vertebrates that undergoes internal fertilization.

23. In which **one** way are essential drugs useful to people?

24. Name the condition in humans that requires use of ORS for its treatment.

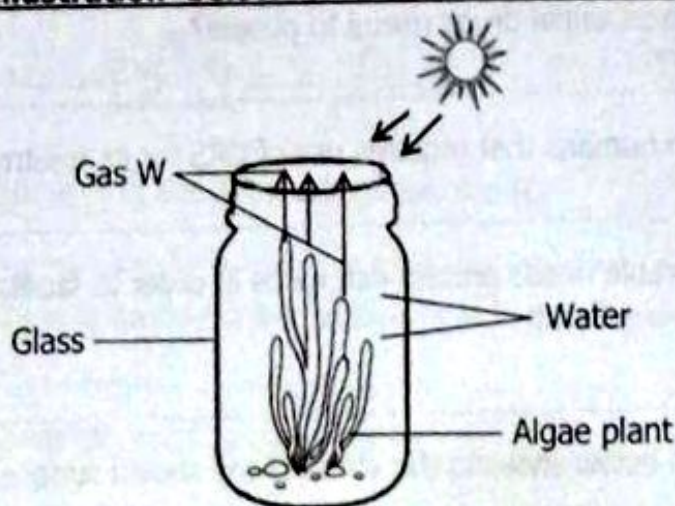
25. Which group of vulnerable needs protein rich foods in order to facilitate proper growth of the embryo?

26. Complete the diagram below showing the effect of the shown surface.



27. Name the organ of the alimentary canal responsible for absorption of digested food.
.....
28. How is propagation of Irish potatoes different from that of carrots?
.....
29. Which sense enables a person to know the presence of a dead rotting animal in the environment?
.....
30. Give a reason why sorting clothes is carried out before washing dirty clothes.
.....
31. Which food value is obtained from eating tuber crops?
.....
32. Identify the type of cattle reared for labour on crop farms.
.....
33. In which **one** way are echoes reduced in cinema halls?
.....

Use the illustration below of a water plant and answer questions that follow.



34. Identify the gas labeled 4.
.....
35. Which immunisable disease affects people through drinking unboiled milk from infected cows?
.....
36. Explain how photosynthesis benefits respiration in animals.
.....

37. Give a reason why the saucepans are made from aluminum.

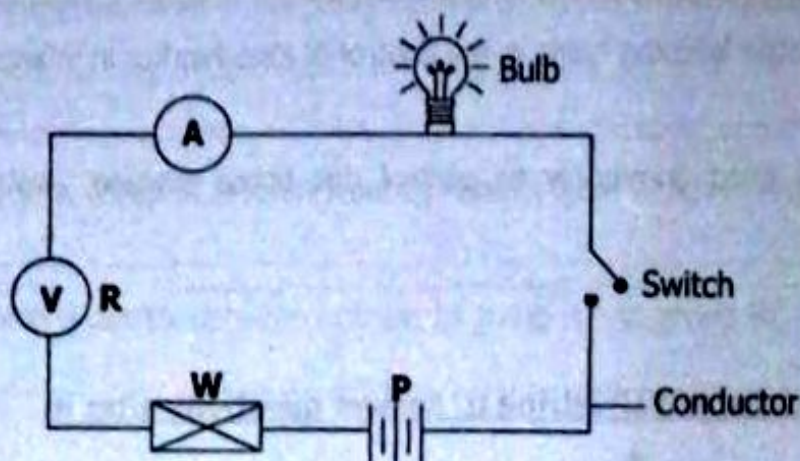
38. Why is it a good habit to bathe every day?

39. State the recovery position for a fainted person.

40. Mention any **one** example of a decomposer in a food chain.

SECTION B (60 MARKS)

41. **Study the electric circuit below and answer questions that follow.**



(a) Name the component of the above circuit labeled **R**.

(b) How much voltage is produced by component **P** in the above circuit?

(c) How is component **W** useful in the circuit?

(d) Show the flow electrons on the above circuit. (**Use arrows**)

42. (a) In which way is sound reproduced?

(b) How is sound produced?

(c) State the use of ossicles in the process of hearing.

(d) Why are we advised not to use sharp objects to remove wax from the ear canal?

43. In Primary Six, you learnt about cattle keeping and looked at both exotic and local breeds of cattle.

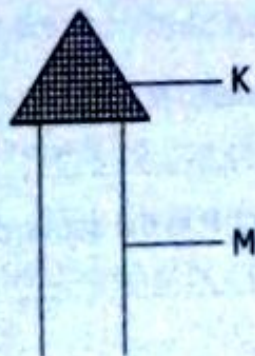
(a) Write any **one** example of an exotic breed of cattle reared purposely for meat production.

(b) Besides suspension drying, given **one** other way hides are preserved.

(c) Explain how cattle keeping helps in the control of Kwashiorkor in infants.

(d) Paddockging is used commonly to control tick borne disease, explain how this is possible.

44. Use the structure of VIP latrine to answer questions after it.



(a) Identify the parts labeled;

(i) **K**

(ii) **M**

(b) How important is part **K** in management of diarrhoeal diseases?

(c) Why is the squat hole of a VIP latrine left open always?

45. Study the table of different animal and use it to carefully answer questions that follow.

Group A	Group B	Group C	Group D
Newts	Crocodiles	Kites	Hippos
Frogs	Tortoises	Owls	Bush baby
Toads	Snakes	Ostriches	Buffalos
Salamanders	Terrapins	Pelicans	Impala

- (a) State any **one** general characteristic common to all the four groups of animals in the above table.

- (b) How is the reproduction of animals in group **B** different from those in group **D**?

- (c) Write any **one** group of animals from the above table which is warm blooded.

- (d) Identify **one** similarity between animals in group **A** and group **B**.

46. (a) Give any **one** breed of exotic rabbits.

- (b) Write **one** way a P.7 candidate can care for rabbits.

- (c) How long is the gestation period of a doe?

- (d) In which way is cuniculture important to a crop farmer?

47. (a) Mention **two** states of matter that allow heat transfer by convection.

(i)

(ii)

- (b) How is heat transfer by convection useful in our daily life?

- (c) State the effect of heat energy onto the volume of water.

48. (a) Identify the plant organs on the shoot system that enables the plant to carry out the following process;

(i) Reproduction

(ii) Breathing

- (b) Write any **one** example of a non – flowering plant.

- (c) State **one** characteristic that makes a mushroom similar to some nonflowering plants.

49. Below are different structures of blood vessels. Use them to attempt questions that follow.



- (a) Identify the blood vessel **T** and **W**.

(i) **T**

(ii) **W**

- (b) State **one** functional and structural difference between vessel **T** and **W**.

(i) Functional

(ii) Structural

50. Alcohol is a liquid substance that causes one to become drunk.

- (a) Give **two** reasons why some people insist on drinking it.

(i)

(ii)

(b) Identify **one** life skill required to avoid alcoholism.

(c) State **one** danger of alcoholism to an individual.

51. (a) List down any **two** examples of fungi.

(i)

(ii)

(b) Identify the main food value obtained from eating useful fungi.

(c) How do most fungi obtain their food?

52. (a) Identify the type of teeth responsible for;

(i) biting food

(ii) tearing sugar canes

(b) Give **one** way in which poor arrangement of teeth can be corrected.

(c) How are molars adapted to their function of crushing food?

53. (a) Give the meaning of the term adolescence.

(b) State any **two** primary sex characteristics in girls.

(i)

(ii)

(c) How best can adolescents avoid acquiring STDs?

54. (a) In which way does prolonged breast feeding control pregnancy in women?

(b) Why is breast feeding mostly recommended for all babies below 6 months?

(c) State any **two** disadvantages of using bottle feeding to care for babies.

(i)

(ii)

55. (a) Name the pigment in humans that determines the skin colour.

(b) Identify **one** way how the human skin regulates temperature on hot days.

(c) State any **two** ways school pupils in boarding can avoid skin infections.

(i)

(ii)

END

GOOD LUCK