

BILL DAY SCHOOL NAKAGERE
MID TERM II EXAMINATIONS, 2024
SCIENCE – P.6 set 2
TIME: 2HRS 15 MINS

Name:

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully;

1. The paper has two sections: A and B.
2. Section A has 40 short questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Attempt ALL questions. All answer to both
Sections A
and B must be written in the spaces provided.
5. All answers must be written using blue or black
ball-point pen or ink. Only diagrams and graphs
work may be done in pencil.
6. Unnecessary alteration of work will lead to loss
of marks.
7. Any handwriting that cannot easily be read may
lead to loss of marks.
8. Do not fill any thing in the boxes indicated for
examiners' use only.

FOR EXAMINERS' USE ONLY

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Qn. No.	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A: (40 MKS)

1. Give the importance of leaves to plants.

2. Why is a monkey classified as a primate?

3. Which part of the human body has the same function as gills in a fish?

4. State **any one** farming practice adopted to keep the soil productive.

5. Give **any one** example of a root tuber.

6. Apart from pasteurizing, give **any one** way milk can be prevented from going bad.

7. Why does a farmer carry out de-beaking in poultry farms?

8. State **any one** habit which helps to promote oral health.

9. Why does a farmer cut off the leaves of a banana sucker before planting it?

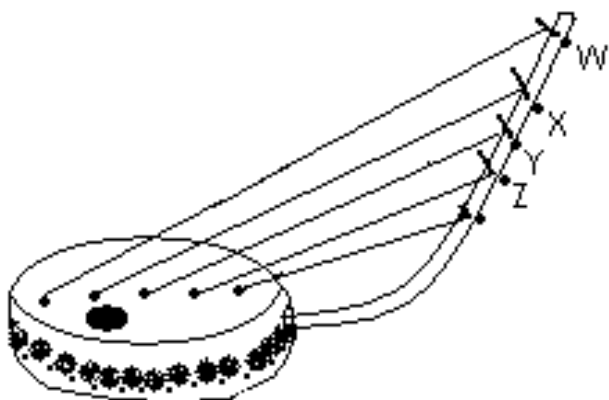
10. In which way do bacteria reproduce?

11. Which body organ in the human body performs the same duty like that of a water pump?

12. Name the structure which enables ducks to swim in water without sinking.

13. What structures on the leaf of a plant help in the process of transpiration?

The diagram below is of a bow harp. Use it to answer questions that follow.



14. To which group of musical instruments does the above belong?

.....

15. How does the above musical instrument produce sound?

.....

16. What does the part labeled **Z** become after fertilization?

17. In which part of the human body are the red blood cells made?

18. What process will you use to recover salt which has dissolved in water?

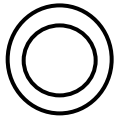
19. How does paddock system of grazing cattle help in controlling cattle parasites?

20. By what means does heat from the sun reach Kautharah who is walking along the streets of Kampala?

21. Which part of the respiratory system is made of rings of cartilage?

22. Why is the sun regarded as a renewable resource?

Below is a diagram of a blood component. Use it to answer question 23.



23. What is the use of the blood component?

24. State **any one** characteristic of arachnids.

25. To which group of mammals does a spiny ant eater belong?

26. Identify **one** mineral salt lost during dehydration.

27. How can a farmer improve on his local breeds of cattle?

28. What is the duty of the queen bee in a hive?

29. Give **an** example of a ruminant.

Anyait shouted loudly in a big house. As she shouted, she heard another similar sound. Answer question 30 and 31 using this information.

30. Give the name of the similar sound Susan heard after shouting.

31. What should be done to that big house in order to reduce on that repeated sound?

32. How is the absence of iodine harmful to our health?

33. Give **any one** characteristic which is common to all insects.

34. Which part of the blood helps in the clotting of blood?

35. How does a tortoise protect itself against its enemies?

36. Give **one** reason why mercury is used in thermometers instead of water.

37. Which substance can exist in all the three states of matter?

38. State **one** of the characteristics of the objects that float on water.

Study the animals given in list A and those in List B. use it to answer

questions 39 and 40.

A: FISH, BIRD, FROG

B: MAN, WHALE, BAT

39. How do animals in List A differ from those in B as regards to their reproduction?

40. How are animals in list A similar to those in list B?

SECTION B:

41a) How is transpiration important in the environment?

.....
.....

41b) Give **any two** factors that affect the rate of transpiration.

(i)

(ii)

c) How do plants like cactus reduce their rate of transpiration?

.....

42a) Explain the following terms:

(i) **Drug abuse**

.....

(ii) **Drug misuse**

.....

b) Give at least **one** example of drugs of dependency.

.....

c) How can one avoid drugs of dependency?

.....

43a) How is an endosperm important to a maize grain?

.....

b) Which part of a bean seed allows air and water into the seed during germination?

.....

c) Why is a maize grain not called a seed?

.....

d) To which group of seeds does wheat belong?

.....

44a) How is sound produced in human beings?

.....

b) Give **one** example of each of the following musical instruments.

(i) Percussion instruments:

.....

(ii) Wind instruments:

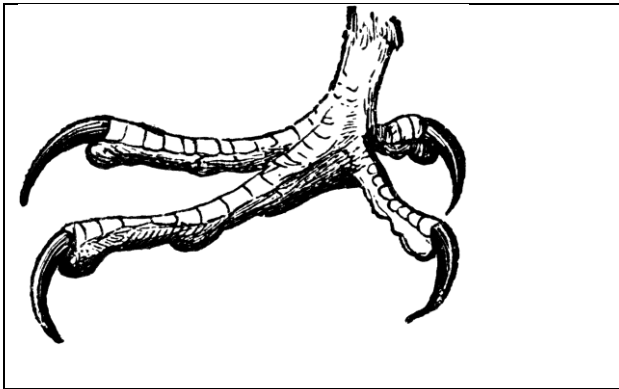
.....

c) Differentiate between pitch of sound and frequency of sound.

.....

.....

45. Below is a diagram showing a foot of a type of bird. Use it to answer questions that follow.



(a) Which group of birds have the type of foot shown?

b) Mention **one** example of a bird that has the type of foot shown.

.....

c) State **one** similarity between birds and mammals.

.....

d) Give **one** example of a flightless bird.

.....

46a) Give **two** differences between a tick and an insect.

(i)

(ii)

b) Apart from a tick, identify **one other** example of an arachnid.

.....

c) State **one** way how insects can be useful to man.

.....

.....

47a) Under what **two** conditions does a clean metal rust?

(i)

(ii)

b) Write down **two** ways how metals can be prevented from rusting.

(i)

(ii)

48a) Which **term** describes a mixture of gases?

.....

b) Besides carbon dioxide, give **any other** component of the above mixture.

.....

c) Which gas is used to stop fire?

.....

d) Name the equipment that uses the above gas to stop fire.

.....

49a) What are **energy resources**?

.....

b) Mention **one** type of energy resource.

.....

c) Which energy resource is used in winnowing?

.....

d) Why should food be preserved?

.....

50. a) Mention the **two** main classes of plants.

(i) _____ (ii) _____

b) State **any two** ways in which plants depend on animals.

(i) _____

(ii) _____

51a) Mention **two** exotic breeds of rabbits.

(i) _____ ii) _____

b) State **one** disease that attacks both rabbits and poultry.

.....

c) How are rabbits important in our daily lives?

.....

52. Match the items in A to those in B correctly.

A

B

Phototropism

- plant's growth response to chemicals.

Hydrotropism

- Plant's growth response to light.

Chemotropism

- plant's growth response to gravity.

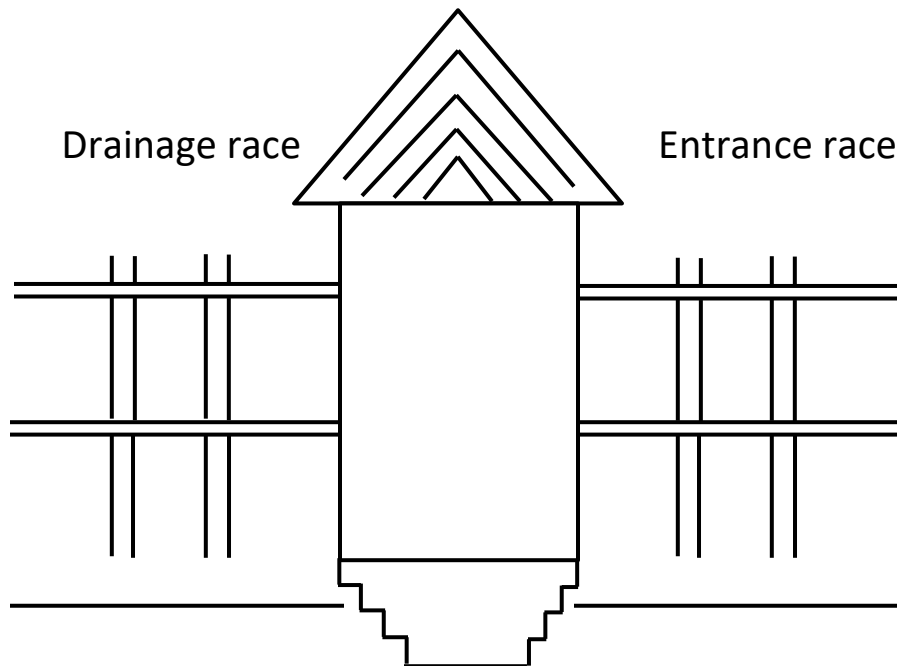
Geotropism

- plant's growth response to water.

(i) Phototropism:

- (ii) Hydrotropism:
- (iii) Chemotropism:
- (iv) Geotropism:

53. Study the diagram below and answer the questions that follow.



a) Name the structure above.

b) Give its importance on the farm.

.....

c) What is **dehorning**?

.....

d) Which farm tool is used to dehorn?

.....

54. a) Why are reptiles regarded as oviparous animals?

- b) Mention **two** classes of reptiles.
- (i) _____
- (ii) _____
- c) Give **one** example of a poisonous snake.
- _____

55a) What is **dehydration**?

.....

- b) Give **one** example of each of the following as used in preparation of ORS.
- (i) a solute:
- (ii) a solvent:
- c) Why should a dehydrated patient be given plenty of fluids?

.....

GOOD LUCK