

MID -TERM ONE EXAMINATION

CLASS: PRIMARY SEVEN

SUBJECT: SCIENCE

Name: _____ Stream _____

Section A: 40marks

1. How does a fish move?

2. Give one function of the body organ protected by the brain.

3. Why does a bottle half way full of water produce higher pitched sound than an empty one?

4. Which rabbit diseases is characterized by sudden death of rabbit?

5. State one advantage of watering crops in the evening over in the morning.

6. Besides crossing breeding, point out one other way cattle farmers can improve the quality of their local breeds of cattle.

7. Write down one protective role of the skin to the body.

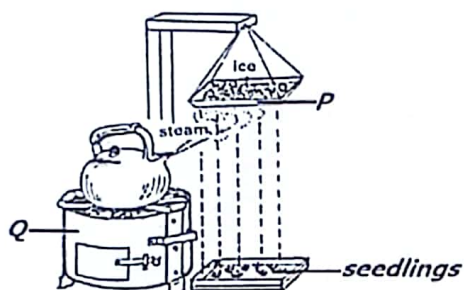
8. Cite one example of a hinge joint in the human body.

9. Give one characteristic of forms of energy.

10. State what happens to the density of water when it freezes.

11. Point out one part of the body where a clinical thermometer can be placed to take accurate measurements.
-

The diagram below is of an experiment about a natural process in the environment. Use it to answer question 10 and 11.



12. Which natural process in the environment is shown in the diagram above?
-
13. Name the type of clouds represented by component P in the diagram above.
-
14. Give one way a P.7 child can keep their body clean.
-
15. Name the static electricity in nature.
-
16. Which part of a plant carries out photosynthesis?
-
17. How is milk as a resource harvested from animals?
-
18. Name one part of the body covered by the mask as a measure to control the spread of Covid-19.
-

19. What name is given to the layer of fats that insulates the body of sea mammals against heat loss.

20. Name one example of a fin that enables a fish to move upwards.

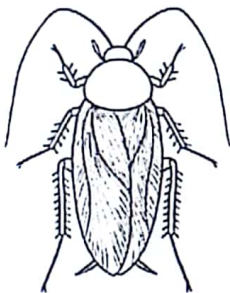
21. Give one importance of the human skeleton to the respiratory system.

22. How is fermentation an important process in our day today life?

23. State one factorthat can lead to bottle feeding.

24. State the reason VIP latrine is said to be improved.

The diagram below shows an organism. Use it to answer question 25 and 26.



25. Name the group of animals represented by the organism in the diagram above.

26. State one structural characteristic of the organism shown above.

27. Give one way of obtaining clean water from muddy one.

28. How is a dustbin useful in a classroom?

29. Point out one unhygienic aspect checked during a health parade.

30. What name is given to the food store of a cassava plant?

31. Write down one role of children in a home.

32. Which health condition required putting a hard material under the tongue of the victim?

33. State one importance of water to people.

The diagram below shows a tool used in the garden. Use it to answer question 34 and 35.



34. Name the tool shown in the diagram above.

35. Give one-way farmers use the tool shown in the diagram above.

36. Write down one example of cutlery.

37. State one way people benefit from carrying out regular medical checkups.


38. Write down one disease caused due to poor feeding.

39. State one reason animals make sound.

40. Give one-way primary school children can avoid drug abuse.

Section B: 60marks


41. The diagram below shows an extract of an immunization certificate. Study and use it to answer questions that follow.


REPUBLIC OF UGANDA
MINISTRY OF HEALTH

COVID-19 VACCINATION CERTIFICATE

This is to Certify that [REDACTED] was vaccinated against
COVID-19 as shown below

DOSE 01		DOSE 02	
Date:	28/04/2021	Date:	30/06/2021
Batch No:	4121Z006	Batch No:	ABX8332
Vaccine:	AstraZeneca	Vaccine:	AstraZeneca
MFG:	Serum Institute of India	MFG:	Vaxzevria
Facility:	International Medical Centre, KPC Watoto HC	Facility:	City Hall Clinic HC II
District:	Kampala District	District:	Kampala District



ISSUED AND APPROVED BY

a) Name the disease for which the above certificate was issued?

b) According to the certificate above, which vaccine was administered to the patient?

c) When did the patient receive the last dose?

d) Give one reason the above certificate was issued to the patient after immunization.

42. The digestive and respiratory system work hand in hand in the human body to sustain life.

a) State one way in which the digestive system is to the respiratory system.

b) Besides the systems mentioned above, write down one other system in the human body.

c) Give one disease that affects each of the following human body systems.

(i) Digestive system.

(ii) Respiratory system.

43. In a swampy place, Kelly observed bird three different birds with spear-like beaks, long slender necks, and long thin legs.

a) To which group of birds are the birds Kelly observed in the swampy place?

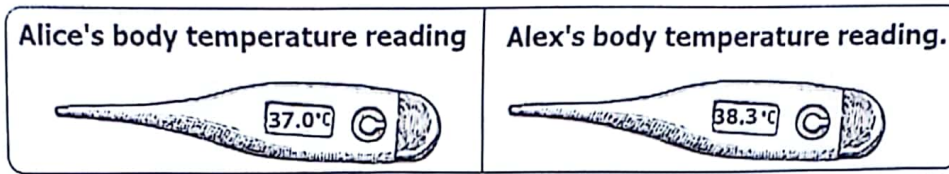
b) Give two examples of birds Kelly observed.

(i) _____

(ii) _____

c) Point out one foodstuff eaten by the birds in the group named in (a) above.

44. The thermometers below show body temperature of two pupils, Alice, and Alex. Study and use them to answer questions that follow.



- a) Whose body temperature is normal?

- b) What was Alex's body temperature reading?

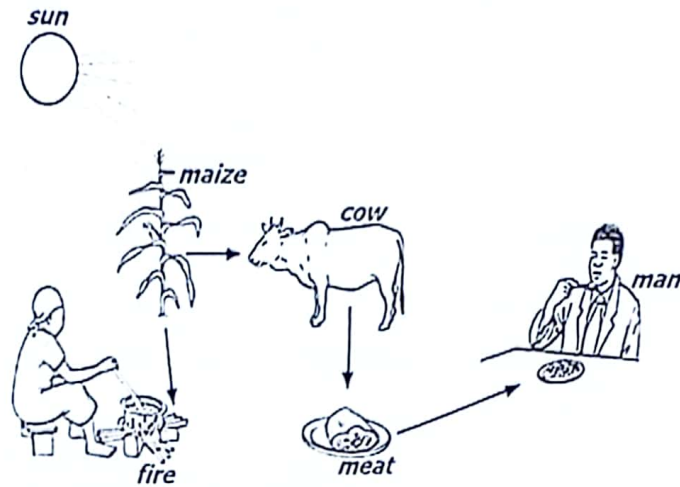
- c) Which health condition is Alex having?

- d) State the first aid that can be applied to Alex's health condition.

45. a) Give two examples of dairy breed of cattle.
(i) _____
(ii) _____
- b) State two characteristics of dairy breeds of cattle.
(i) _____
(ii) _____
46. a) Give the meaning of communicable diseases.

- b) Write down one communicable disease caused by each of the following agents.
(i) Virus _____
(ii) Bacteria _____
(iii) Fungi _____

47. The diagram below shows a simple cycle in which things in the environment benefit from one another. Study and use it to answer questions that follow.



- a) From the cycle of dependence above, identify the producer.

- b) How does fire benefit from the maize in the cycle above?

- c) State role of the sun in the cycle shown in the diagram above.

- d) Using maize, man and cow construct a simple food chain from the cycle above.

48. *Mixed farming refers to practice of the growing of crops alongside rearing animals.*

- a) Give one way a farmer benefits such a practice.

- b) Write down one factor a farmer considers when selecting breeds of animals to be used in mixed farming.

- c) State two disadvantages of mixed farming to a farmer.

(i) _____

(ii)

49. Abigail filled a transparent glass with water to its brim. She later on dropped a stone into the glass.

a) State what Abigail observed.

b) Give a reason for Abigail's observation in (a) above.

c) Write down one way Abigail could determine the volume of the stone she used.

d) State any one method used to find the volume of an object.

50. The table below shows steps in washing clothes and their effects if not carried out. Study and match steps in list A to the effects in list B of the table.

List A	List B
Sorting	Leaves clothes creases and contaminated by germs.
Wringing	Makes soapy water to form stains in clothes.
Rinsing	Lengthens the drying period of clothes.
Ironing	Encourages staining of plain clothes by fading clothes.

a) Sorting

b) Wringing

c) Rinsing

d) Ironing _____

51. a) Where in the female reproductive system does each of the following processes occur?

(i) Fertilisation _____

(ii) Ovulation _____

b) Give two characteristics shown by adolescent girls.

(i) _____

(ii) _____

52. a) Name the type of skeleton possessed by each of the following organisms.

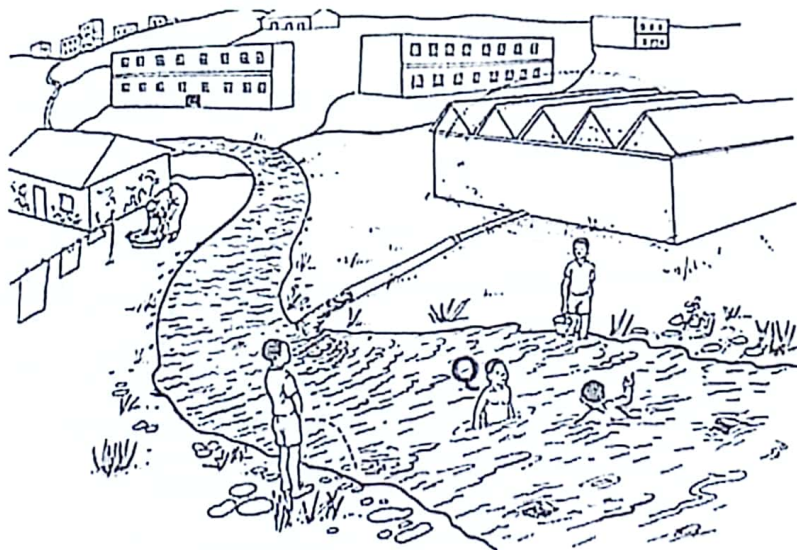
(i) Snail _____

(ii) Housefly _____

b) Give one examples of an endoskeleton.

c) State one way people can promote the health of their bones.

53. The diagram below shows several routes through which water gets contaminated. Study and use it to answer questions that follow.



a) Identify any two routes of water contamination shown in the diagram above.

(i) _____

(ii) _____

b) Use an arrow and letter P to show the route that may lead to the spread of bilharzias flukes.

c) Point out one disease person marked Q may contract.

54. a) Give the meaning of the term sanitation.

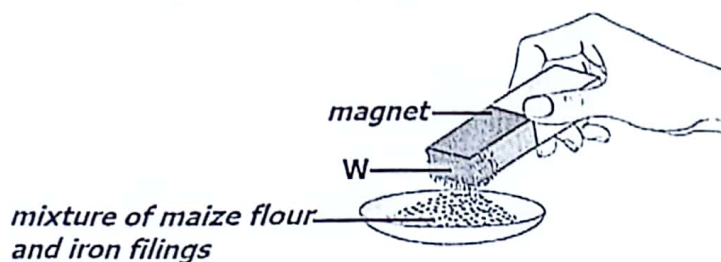
b) Point out any two items used in the promotion of sanitation.

(i) _____

(ii) _____

c) State one danger of poor sanitation in an environment.

55. Jairus brought a magnet closer to a mixture of maize flour and iron filing. The diagram below shows what was observed. Study and use it to answer questions that follow.



a) Name the component of the mixture marked with letter W.

b) Why component W the one attached on the magnet?

c) Besides the above, cite two other methods of separating mixtures.

(i) _____

(ii) _____

End