



ST NEREAH DAY AND BOARDING PRIMARY SCHOOL

PRIMARY SEVEN KAMCEB CHECK II EXAMINATION

2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Candidate's Name:

Candidate's Signature:

School Name:

Read the following instructions carefully:

1. This paper has two sections: Section A and section B.
2. Answer all the questions. All the working for both sections A and B must be shown in the spaces provided.
3. All the working must be done using a blue or black ball point pen or ink. Any work done in pencils other than graphs and diagrams will not be marked.
4. No calculators are allowed in the examination room.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
6. Do not fill anything in the table indicated: **"for examiners' use only"** and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
QN. NO	MARKS	EXR' S NO.
1-10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 54		
55		
TOTAL		

@ Kampala Central Examinations Board - 0751005885

SECTION A

1. Name the vector that spreads sleeping sickness to people.

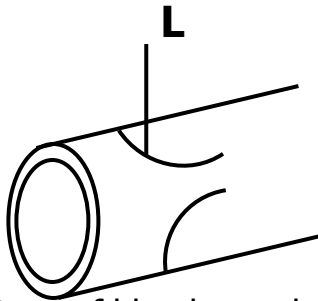
2. Why can't sound travel through a vacuum?

3. Give any **one** non-renewable energy resource.

4. Write any **one** process involved in the water cycle.

5. How is the vent pipe useful on a VIP latrine?

The diagram below shows a blood vessel. Use it to answer questions 6 and 7.



6. Identify the type of blood vessel shown above.

7. How are the structures marked **L** useful in the blood vessel above?

8. State the use of a switch to a cow.

9. Name the type of energy possessed by a rolling stone.

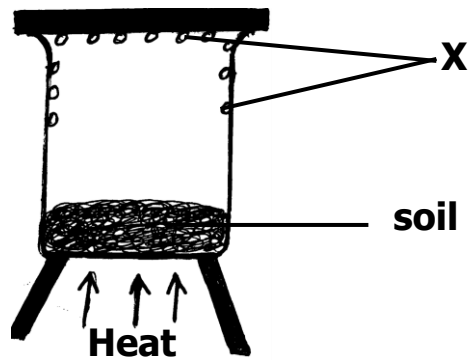
10. How does a caterpillar protect itself from enemies?

11. Give any **one** way of controlling disease without using drugs.

12. Write the function of a ligament in the body.

13. Which type of pollination takes place in maize plants?

The experiment below was carried out by a P.7 child. Use it to answer questions 14 to 15.



14. What does the above process show about soil?

15. How are the substances marked **X** formed?

16. In which way are health parades useful in schools?

17. Give the difference between a burn and a scald.

18. Why is germination grouped under biological changes?

19. Write any **one** secondary sex characteristic common to both boys and girls.

20. Name the process by which sugar in juices is turned to alcohol.

21. How does paddock grazing control tick borne disease?

22. State the importance of sugar in ORS.

23. In which way are PIASCY messages important to a P.7 candidate?

24. Give the importance of raising a rabbit hutch about one metre above the ground.

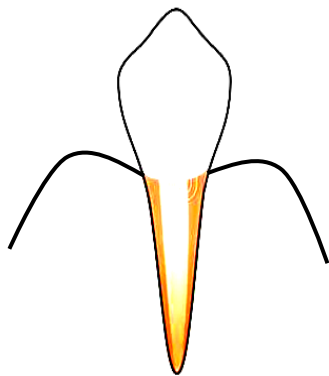
25. Which property of air is used by a child to suck soda using a straw?

26. Write any **one** insect whose lifecycle has a pupa stage.

27. Why do electric wires appear bent between poles on hot days?

28. Which vitamin is responsible for proper eye sight?

The diagram below shows a tooth. Use it to answer question 29.



29. State the use of the above tooth in the mouth.

30. How can a farmer care for a sickle on his farm?

31. Give any **one** way of harvesting rain water.

32. Write any **one** non-living agent of seed dispersal.

33. How are school buildings protected from the dangers of lightning?

34. Why are children encouraged to have regular physical exercise?

35. How does a passion fruit plant benefit from climbing other plants?

36. Which vaccine is given to babies to protect them from tetanus?

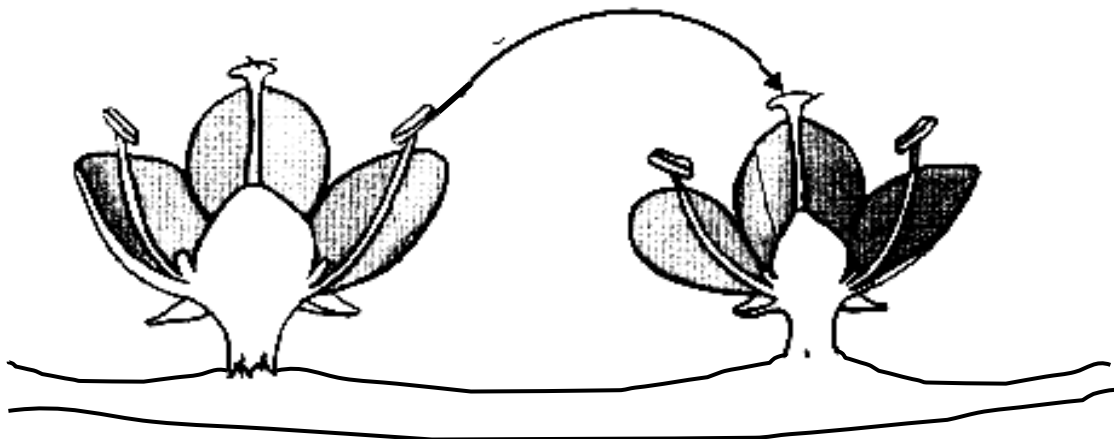
The diagram below shows an instrument commonly found at airports.



37. How is the above instrument useful at an airport?
-
38. Which health condition is commonly managed through tepid sponging?
-
39. State the function of a queen excluder in a modern hive.
-
40. Give the importance of maintaining good posture of the body.
-

SECTION B:

The diagram below shows a type of pollination. Use it to answer question 41.



41. (a) Name the type of pollination represented in the diagram above.
-
- (b) Identify any **two** agents of pollination.
- (i) _____
- (ii) _____
- (c) How is pollination important to flowering plants?
-

42. (a) Give the meaning of the term personal hygiene.

(b) Write down any **two** activities done to keep our bodies clean.

(i) _____

(ii) _____

(c) Mention **one** danger of poor personal hygiene.

43. (a) Give **one** importance of keeping poultry.

(b) Write any **two** types of chicken kept by poultry farmers.

(i) _____

(ii) _____

(c) How can poultry farmers control poultry diseases on the farm?

44. (a) Why is cholera grouped under communicable diseases?

(b) State any **one** way through which communicable diseases are spread.

(c) Apart from cholera, mention any other diseases that may lead to dehydration.

(d) Give **one** way of managing dehydration.

45. (a) Why are green stick fractures common in babies?

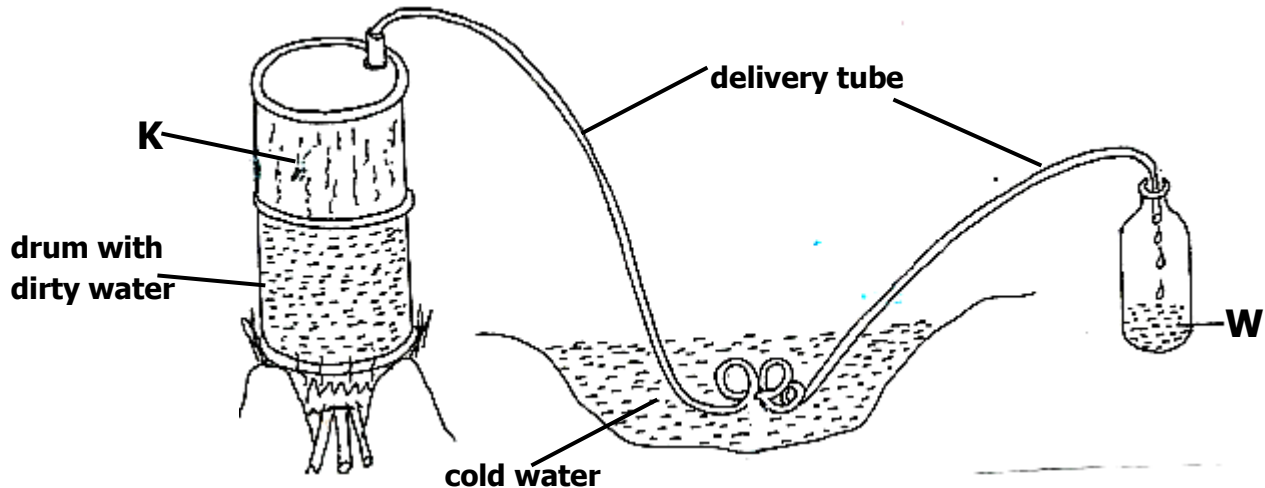
(b) Mention any **two** other types of fractures.

(i) _____

(ii) _____

- (c) State the importance of splints when giving first aid to a casualty with a fracture.
-

46. **The diagram below shows a method of making water clean. Use it to answer the questions that follow.**



- (a) Name the method of making water clean shown above.
-
- (b) How important is the cold water in the above process?
-
- (c) What process is taking place at point **K** in the diagram?
-
- (d) What scientific name is given to liquid **W** in the process above?
-

47. (a) Give any **two** ways farmers brand their cattle on farms.

- (i) _____
- (ii) _____

(b) How is branding an important practice on a cattle farm?

(c) Apart from branding, mention any other farm practice carried out on a cattle farm.

48. (a) Mention any **one** sanitary tool in your classroom.

(b) Identify the health habit one must do after using a latrine.

(c) Write down **one** proper way of managing plastic wastes in the environment.

(d) How does proper use of latrines reduce on the amount of houseflies in the environment?

49. (a) How do bacteria differ from mushrooms in terms of reproduction?

(b) Give **one** example of useful bacteria in the environment.

(c) Mention any **two** bacterial diseases that attack people.

(i) _____

(ii) _____

50. (a) Mention any **two** adaptations that enable fish to live freely in water.

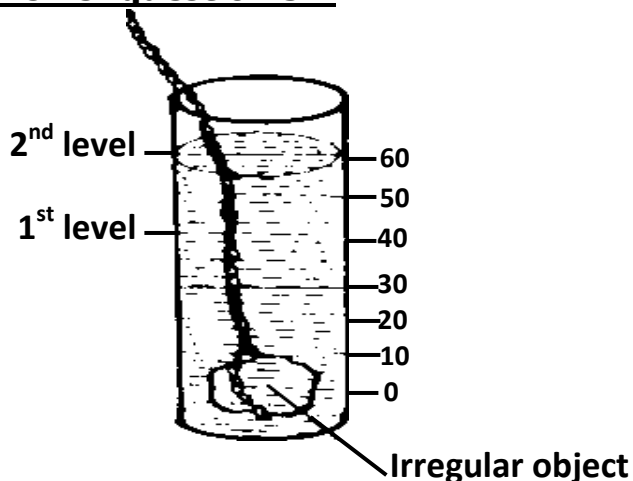
(i) _____

(ii) _____

(b) Under which type of fertilization do fish undergo?

(c) Which food value do we get from eating fish?

The diagram below shows a method of finding volume of objects. Use it to answer question 51.



51. (a) Name the method of finding volume shown in the diagram above.

(b) Find the volume of the irregular object in the diagram.

(c) Give **one** example of an irregular object whose volume is found using the above method.

(d) Find the density of the irregular object in the diagram if its mass is 600grams.

52. (a) Where in the lungs does gaseous exchange take place?

(b) Name the part of the human body that protects the lungs.

(c) Give the importance of lungs in the process of respiration.

(d) Mention any **one** non communicable disease of the respiratory system.

53. (a) Identify any **two** natural family planning methods.

(i)

(ii)

(b) How important is family planning to parents?

(c) Mention **one** reason why some parents produce very many children.

54. (a) How does heat move through solids?

(b) Mention any **two** insulators of heat.

(i)

- (ii) _____
- (c) Write **one** way we use insulators of heat in our daily life.
- _____

55. Match the following correctly.

A

- i. Gastric juice
- ii. Bile juice
- iii. saliva
- iv. Hydrochloric acid

B

- contains enzyme ptyalin
- contains enzyme pepsin
- kills germs in food.
- breaks down fats.

- i. Gastric juice _____
- ii. Bile juice _____
- iii. saliva _____
- iv. Hydrochloric acid _____

***** **END** *****

"YES WE CAN"