

**THE PRIME EXAMINATIONS 2023**  
**PRIMARY FIVE BEGINNING OF TERM I**  
**INTEGRATED SCIENCE (Abridged Curriculum)**

Time allocated 2 hours 15 minutes



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**READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

1. This paper has two sections: A and B. Sections A has 40 (40 Marks) questions and Section B has 15 questions. (60 Marks)
2. Answer ALL questions. All answers to both sections A and B must be written in the spaces provided.
3. All answers must be written using a blue or black ball point pen or ink. Any work written in pencil will not be marked.
4. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
5. Do not fill anything in the table indicated

"FOR EXAMINERS' USE ONLY"

FOR EXAMINERS' USE ONLY		
QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

APPROVED:

Consultant

Integrated Science Department (FZC)

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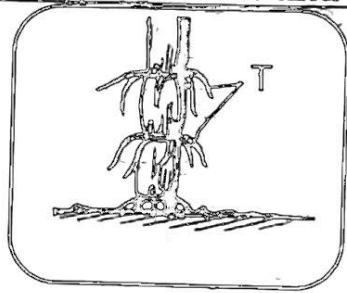
Kampala

Turn Over

Section A (40 Marks)

1. Name one example of a domestic fowl.  
\_\_\_\_\_
2. Give the *first aid* for burns.  
\_\_\_\_\_
3. Which deficiency disease is prevented by eating *oranges, paw paws and apples*?  
\_\_\_\_\_
4. Give one way how a P.5 pupil can keep his/her body clean.  
\_\_\_\_\_
5. How is a nest important inside a hutch?  
\_\_\_\_\_

Study the diagram below and use it to answer questions 6 and 7.

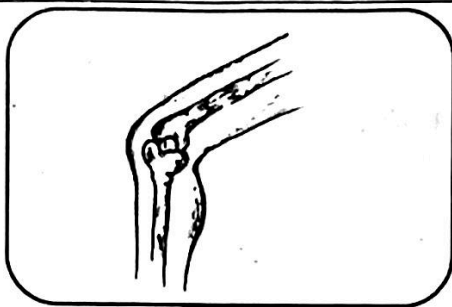


6. Name the roots marked T.  
\_\_\_\_\_
7. To which type of root system do above roots belong?  
\_\_\_\_\_
8. Why are cockroaches called *nocturnal insects*?  
\_\_\_\_\_
9. State any one cause of dehydration.  
\_\_\_\_\_
10. Which *type of teeth* is used for cutting food?  
\_\_\_\_\_
11. Name the *component of air* that enables candles to burn.  
\_\_\_\_\_
12. Name the *eye disease* caused by poor sanitation.  
\_\_\_\_\_



13. How does the vitamin manufactured by the skin important to the body?  
\_\_\_\_\_
14. Why should we cut our finger nails short?  
\_\_\_\_\_
15. In which way do plants contribute to the rain cycle?  
\_\_\_\_\_

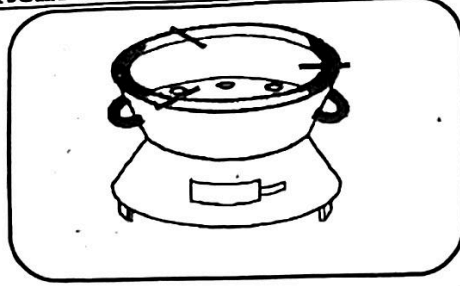
The diagram below is of a fracture. Use it to answer questions 16 and 17.



16. Name the *type of fracture* shown in the diagram above.  
\_\_\_\_\_
17. Give one sign of the above type of fracture.  
\_\_\_\_\_
18. How do tapeworms enter into our bodies?  
\_\_\_\_\_
19. State one duty of a mother at home.  
\_\_\_\_\_
20. What do insects use for sensing danger?  
\_\_\_\_\_
21. How is Kwashiorkor caused in babies?  
\_\_\_\_\_
22. Name the *rabbit disease* which affects poultry.  
\_\_\_\_\_
23. Which *garden tool* is used for harvesting cereal crops?  
\_\_\_\_\_
24. Why are we advised to wear shoes in damp places?  
\_\_\_\_\_  
\_\_\_\_\_

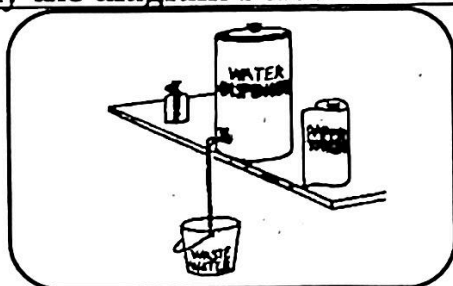
25. Give one way of preserving fish at home.

Study the item below and use it to answer questions 26 and 27.



26. Which *type of soil* is best for making the item in the diagram above?
27. Of what importance is above item at home?
28. Give the *main use* of the heart in humans.
29. Why is rainfall measured in millimeters?
30. Give one reason for giving first aid to a casualty.
31. Name the vector that lays hatched larvae in the environment.
32. State one way of keeping our class rooms clean.
33. Which *body organ* do people use for thinking?
34. Name the *class of food* that provides heat in the human body.
35. What do we call a *young one of a cow*?

Study the diagram below and use it to answer questions 36 and 37.



36. Name the item shown in the diagram above.
37. How is the above item in the diagram important at school?
38. What type of germination is found in monocotyledonous seeds?
39. Why should we keep broken glasses away from the compound?
40. Write down one item made from sisal.

**Section B (60 Marks).**

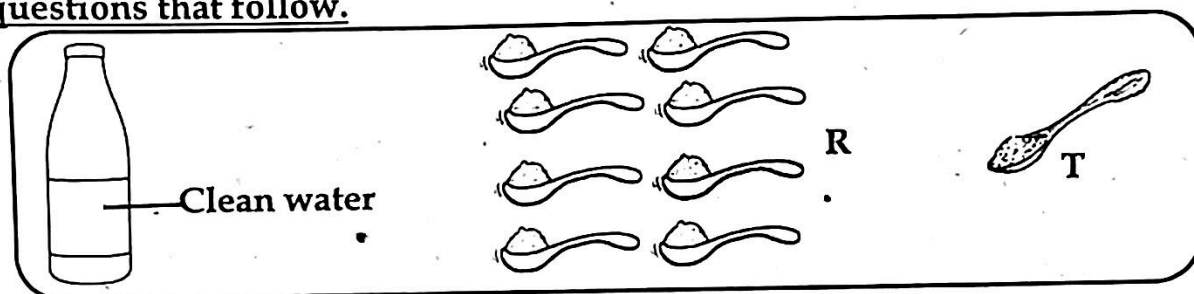
41. (a) Write any two examples of insects that do not live, move and work together in the environment.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(b) Name the bee product that provides people with energy when eaten.

(c) Write down one harmful insect in the environment.

42. The diagram below shows how a nurse prepares ORS locally. Use it to answer the questions that follow.



(a) Name the substance labelled R and T.

(i) R: \_\_\_\_\_ (ii) T: \_\_\_\_\_

(b) Of what importance is substance T to dehydrated person?

(c) Why is it important for a nurse to wash her hands before mixing ORS?

43. (a) Name any two exotic breeds of rabbits.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(b) Why are rabbits given a block of salt to lick?

(c) What is the gestation period of a doe?



44. (a) Name the vitamin responsible for the following;  
 (i) prevention of gum bleeding and healing of wounds \_\_\_\_\_  
 (ii) proper eye sight \_\_\_\_\_  
 (b) Mention one sign of malnutrition in infants.  
 \_\_\_\_\_  
 (c) Name the mineral salt that helps in the formation of haemoglobin in the body.  
 \_\_\_\_\_

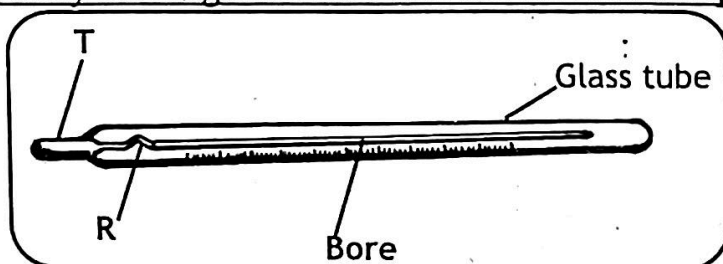
45. (a) Of what importance are following conditions during germination;  
 (i) water \_\_\_\_\_  
 (ii) oxygen \_\_\_\_\_  
 (b) What role is played by the cotyledon during seed germination?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 (c) Name the *part of a bean seed* that grows into a new plant.  
 \_\_\_\_\_

46. Complete the table below correctly.

Body organ	Function
(i) _____	balances the body.
The skin	(ii) _____
(iii) _____	for remembering information
The tongue	(iv) _____

47. (a) How does one get infected with the following worms?  
 (i) Hookworms \_\_\_\_\_  
 (ii) Tape worms \_\_\_\_\_  
 (b) A child has serious itching around the anus. Which worm infection could the child be having?  
 \_\_\_\_\_  
 (c) Write one intestinal worms that live in small intestines.  
 \_\_\_\_\_

48. Study the diagram below and use it to answer questions that follow.



(a) Name the part marked T.

(b) State the importance is part R in the thermometer above.

(c) Why do doctors shake the thermometer above before using it onto another patient?

(d) Name one liquid used in thermometers.

49. (a) Write any two examples of domestic animals.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(b) Give any one reason why people keep domestic animals.

(c) To which group of animals would you put a cheetah?

50. (a) How is a first aid kit different from a first aid box?

(b) Write down any two components of a first aid kit.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(c) Name the *type of accident* caused due to the tearing of the ligament.

51. (a) Name the type of teeth used for the following duties.

(i) tearing food \_\_\_\_\_

(ii) cutting food \_\_\_\_\_

(b) In which region of the tooth is the gum found?

(c) Name one disease that affects the human teeth.

52. (a) Mention two types of families.

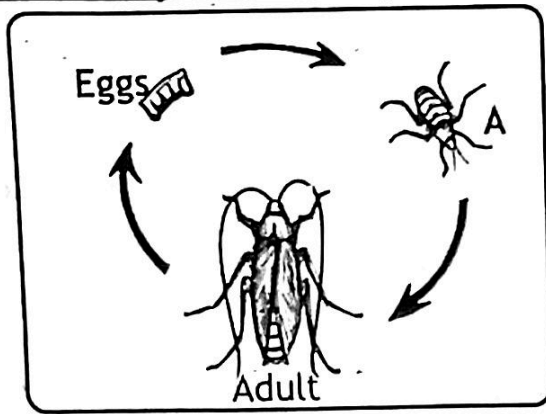
(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(b) What role is played by children at home? (Give two)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

53. Study the lifecycle below and use it to answer questions that follow.



(a) Name the part marked A.

(b) Which *insect vector* undergoes above type of a lifecycle?

(c) What *type of a lifecycle* is shown above?

(d) Name any one disease spread by the above insect vector to people.

54. (a) What is meant by the term *pruning*?

(b) State any two advantages of pruning crops.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Name the *farming practice* that conserves soil moisture.

55. Match the following items in A to their uses in B.

A

A broom  
Dust bin  
A slasher  
Clean water

B

For mopping cemented floors  
For cutting tall grass around the compound.  
For sweeping rubbish in the compound.  
For disposing litter in a classroom.

(a) A broom  
(b) Dust bin  
(c) A slasher  
(d) Clean water

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_