



# THE PRIME EXAMINATIONS 2024

## P.5 END OF TERM II

### INTEGRATED SCIENCE (New 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. Section A has 40 questions (40 Marks) 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 (PEC)

#### PUBLISHERS OF:-

THE PRIME; SCHEMING FRAME WORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES  
LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

Turn Over

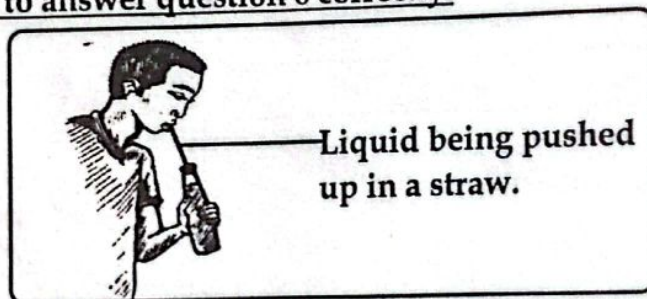
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**Section A (40 Marks)**

1. Name any one poultry product which is a source of protein to man.
2. State any one way how pertussis is spread among people.
3. How do wasps protect themselves from enemies?
4. Give the reason why electric and telephone wires should be fixed loosely on poles.
5. Name the equipment used to keep delicate weather instruments at a weather station.

**The experiment below was carried out by pupils of P.5 from Buteza p/s. Study and use it to answer question 6 correctly.**



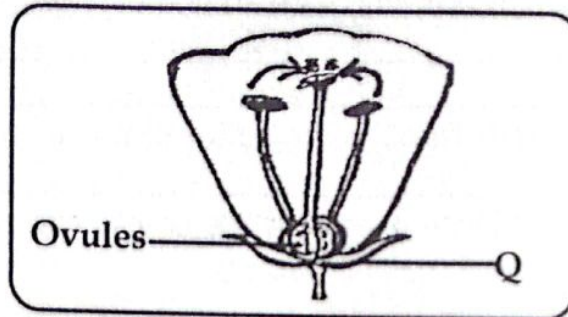
6. Which property of matter is shown in the experiment above?
7. Name the best season for growing crops.
8. How is a child health card important to a health worker?
9. *Apart from coco yams*, give one other example of stem tubers.
10. State the reason for giving a person who has taken rat poison plenty of water to drink.
11. Mention any one instrument used for measuring weight of an object.
12. How are earthquakes dangerous to the environment?



13. Give any one characteristic of solid states of matter.

14. State any one way of controlling soil erosion in hilly area.

The diagram below is of a flower. Study and use it to answer questions 15 and 16 correctly.



15. Which type of pollination is shown in the flower above?

16. Name part marked Q from the flower above.

17. Why do shop attendants put their bags of cassava flour on raised wooden stands?

18. How do bacteria reproduce?

19. Name the disease spread by blackflies to people.

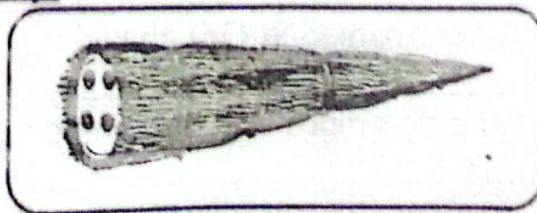
20. How do tapeworms enter into the body of humans?

21. Give the use of the mortar and pestle in a home.

22. State the first aid for electric shocks.

23. Give any one reason for crossbreeding local breeds of chicken.

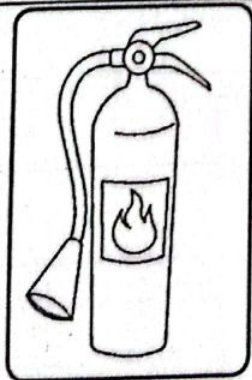
The diagram below is of a bee hive. Study and use it to answer questions 24 and 25 correctly.





24. Name the type of bee hive shown in the diagram above.
25. Mention any one local material from which the above bee hive is made.
26. Which part of a tooth is used to prevent it from wear and tear?
27. Give a reason for keeping the rabbit hutch clean and dry.
28. By what process does food move through the gullet into the stomach?
29. Give a reason why a glass of a lantern lamp in use cracks and breaks when water is poured on it.
30. State any one reason why people save resources.
31. Give any one sign of damaged crops by pests in the garden.
32. In which one way do people benefit from photosynthesis?
33. Name the clouds that give us rain in the environment.

The diagram below is of an equipment used for stopping fire. Study and use it to answer questions 34 and 35.



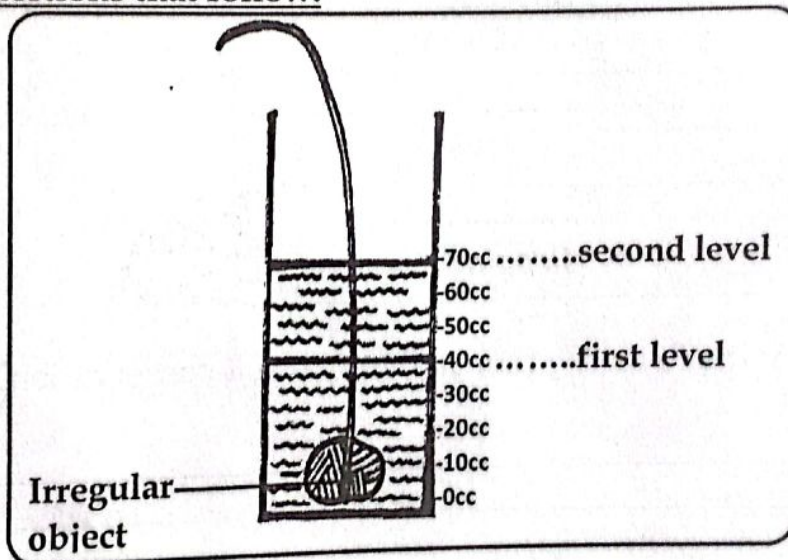
34. Name the equipment shown in the diagram above.
35. Which gas is found in the equipment named in (34) above?
36. Which living organisms help in the decomposition of organic matter?



37. Give one reason why wind is referred to as matter.
38. Name one example of a substance that sublimates.
39. Give any one way of preventing and controlling bedbugs in beddings.
40. State the use of canine teeth to dogs.

**Section B (60 Marks)**

41. (a) Apart from clay soil, name two other types of soil.  
 (i) \_\_\_\_\_ (ii) \_\_\_\_\_  
 (b) Mention any two items made from clay soil.  
 (i) \_\_\_\_\_ (ii) \_\_\_\_\_
42. The diagram below is about displacement method. Study and use it to answer the questions that follow.



- (a) Find the volume of the irregular object.

(02 marks)

- (b) If the density of the irregular object is 6g/cc, what is its mass? (02 marks)



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

(b) Name any one garden tool used for pruning.

(c) Give any two advantages of pruning crops.

(i)

(ii)

44. (a) Give any two uses of heat to the environment.

(i)

(ii)

(b) State any two effects of heat loss on matter.

(i)

(ii)

45. The table below shows examples of vectors and the diseases they spread to humans. Study and complete it correctly.

Vector	Disease
Water snails	_____
_____	Polio
Ticks	_____
_____	Sleeping sickness

46. Give the meaning of the following terms as used in soil conservation.

(i) *mulching*

\_\_\_\_\_

\_\_\_\_\_

(ii) *crop rotation*

\_\_\_\_\_

\_\_\_\_\_

(b) Apart from *mulching* and *crop rotation*, given two other ways of conserving the soil.

(i)

(ii)

47. (a) Why is fish regarded as an aquatic animal?

\_\_\_\_\_

\_\_\_\_\_

(b) Give any two characteristics of living things.

(i)

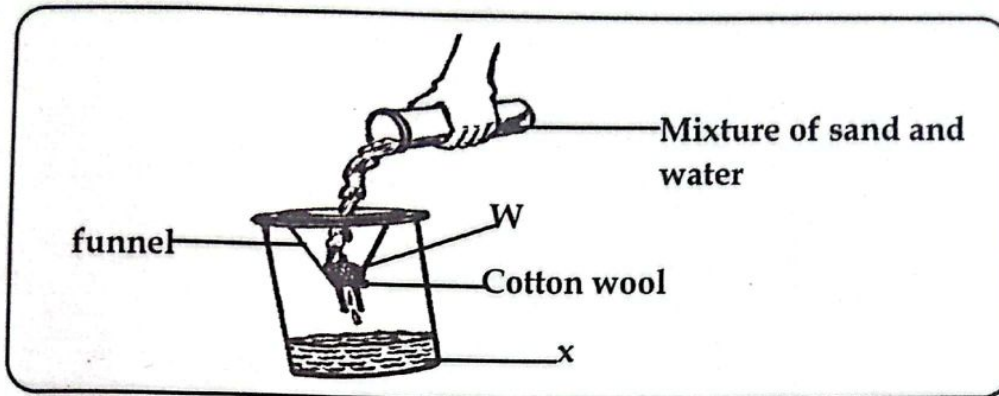
(ii)

(c) Name any one main product got from a cow.

\_\_\_\_\_



48. The diagram below shows a method of separating mixtures. Study and use it to answer questions that follow.



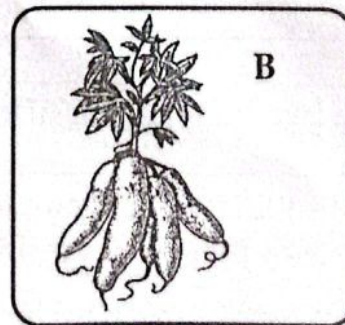
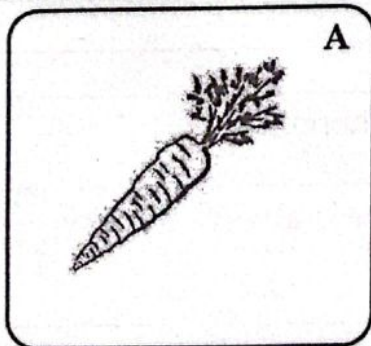
- (a) Which method of separating mixtures is shown above?
- (b) Name the substances marked W and X from the diagram above.
- (i) W \_\_\_\_\_ (ii) X \_\_\_\_\_
- (c) State the use of cotton wool in the experiment shown above.
49. (a) Name two types of families.
- (i) \_\_\_\_\_ (ii) \_\_\_\_\_
- (b) Give two roles of mothers in their families.
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
50. (a) Which vaccine is given to infants at 36 weeks?
- (b) Why is immunization free of charge in Uganda?
- (c) Mention any two body organs affected by tuberculosis.
- (i) \_\_\_\_\_ (ii) \_\_\_\_\_
51. John has the following signs; bony face, thin, he is always hungry.
- (a) Which deficiency disease is he suffering from?
- (b) Mention the best way he can prevent the deficiency disease named in (a) above.
- (c) Name any two food stuffs that you would advise him to eat.
- (i) \_\_\_\_\_ (ii) \_\_\_\_\_
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52. The table below shows organs of the digestive system and juice produced. Match the following body organs to the juice they produce.

Organs	Juice
(a) mouth	pancreatic juice
(b) liver	saliva
(c) stomach	bile juice
(d) duodenum	gastric juice
(a) mouth	_____
(b) liver	_____
(c) stomach	_____
(d) duodenum	_____

53. (a) Write down any two items used when cleaning our body.  
 (i) \_\_\_\_\_ (ii) \_\_\_\_\_  
 (b) Mention any one disease that can attack the following parts due to poor personal hygiene.  
 (i) skin \_\_\_\_\_  
 (ii) teeth \_\_\_\_\_
54. (a) Name any two examples of sources of heat energy.  
 (i) \_\_\_\_\_ (ii) \_\_\_\_\_  
 (b) Give two ways of spending wisely.  
 (i) \_\_\_\_\_  
 (ii) \_\_\_\_\_
55. The diagram below shows tuber crops. Study and use it to answer the questions that follow.



- (a) Which food value do we get from eating tuber crops A and B?  
 (i) A \_\_\_\_\_ (ii) B \_\_\_\_\_  
 (b) How are the above tuber crops propagated?  
 (i) A \_\_\_\_\_  
 (ii) B \_\_\_\_\_