



**THE PRIME EXAMINATIONS 2022**  
**P.7 PRE - PLE TRIAL SET VI**  
**INTEGRATED SCIENCE (Abridged Curriculum)**

*Time allowed 2 hours 15 minutes*

INDEX NO:	Random No.	Personal No.



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Candidate's Name: .....

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**READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

1. Do not write your school or district name anywhere on this paper.
2. This paper has two sections: A and B Section A has 40 questions and section B has 15 questions.
3. Answer all questions. All answers to both sections A and B must be written in the spaces provided.
4. All answers must be written using a blue or black ball point pen or ink. Any work written in pencil other than graphs and diagrams will not be marked.
5. Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in the table indicated "For Examiners' use only", and those boxes inside the question paper.

**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		
<b>TOTAL</b>		

APPROVED:

Consultant

Integrated Science Department (PEC)

PUBLISHERS OF:-

PRIME SCHEMING FRAME WORKS, PUPILS' WORKBOOKS, LESSON COURSE BOOKS,  
HOLIDAY PACKAGES, LEARNING GAMES AND MORE...

Turn Over

**Section A. (40 Marks)**

1. Name the resource that turns wind mills to produce electricity.

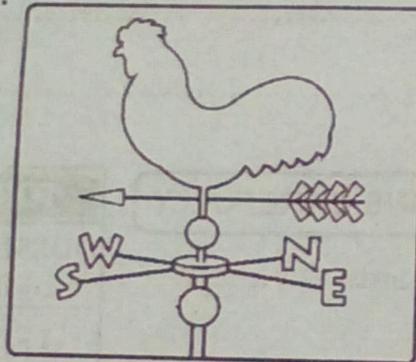
2. Give the danger of leaving finger nails long.

3. In which way are frogs different from toads in terms of reproduction?

4. State the effect of food taboos to infants.

5. Give any one importance of a good pasture.

**The diagram below shows a structure of a weather instrument. Use it to answer questions 6 and 7.**



6. Name the weather instrument drawn in the diagram above.

7. How is the above weather instrument important at a weather station?

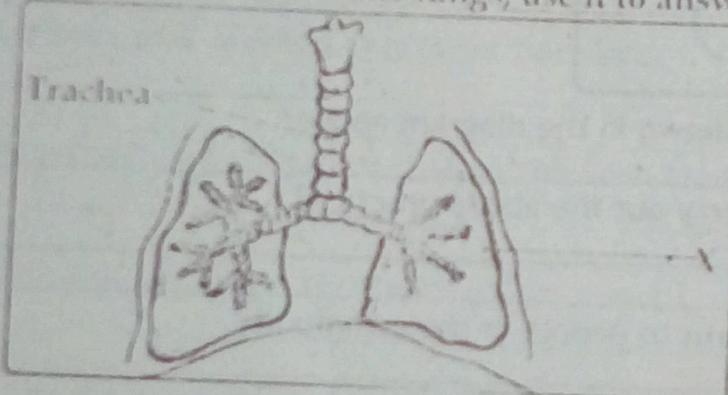
8. Of what importance is a beak to an incubating hen?

9. Write down any one method of extracting honey.

0. Which type of germination is characterised by allowing cotyledons grow above the ground?

11. State the importance of proper disposal of human wastes.
12. Give a reason why most handles of objects are made with rough surfaces.
13. Name the disease caused by *onchocerca volvulus*.
14. Mention the method of administering a BCG vaccine.
15. State any one role of a father in a home.

The diagram below is of the lungs, use it to answer questions 16 and 17.



16. Name the gas excreted by the body organ marked X in the diagram above.
17. How is the trachea adapted to its function of preventing collapsing and suffocation?
18. State one effect of hookworms to the human body.
19. Give any one reason for abusing drugs in a community.
20. How is a solar eclipse formed?
21. State any one disadvantage of castrating farm animals.

22. Name one vector that can lead to food contamination.
23. Write the circulatory disease that affect the red blood cells.
24. Why is it not advisable to touch electric switches with wet hands.

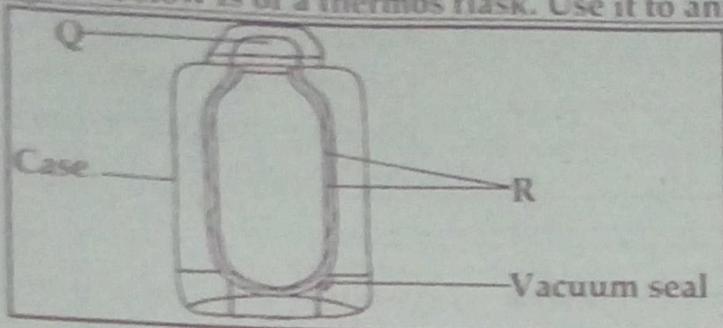
The diagram below shows a practice commonly carried out on a poultry farm.  
Use it to answer questions 25 and 26.



25. Which poultry practice is shown in the diagram above?
26. Why do poultry farmers carry out the above practice?
27. State the importance of rain to people in the community.
28. Give any one sign of pests on a cassava plant.
29. What is the importance of giving a poisoned person a lot of fluids to take?
30. Name the part of an electric bell that produces sound.
31. State the reason why cooking oil floats on water.
32. Which disease in goats is characterised by limping, pus, lameness and wounds on hooves?
33. Give one way of reproducing sound stored in notation form.

34. State any one advantage of starting a woodlot.

The diagram below is of a thermos flask. Use it to answer questions 30 and 31.



35. Name part labelled R from the diagram above.

36. How does part marked Q prevent heat loss.

37. Name the living organisms that can be seen clearly by the help of a microscope.

38. Write any one characteristic of a true insect.

39. Name the alloy used by dentists to fill dental cavities.

40. Why do people urinate frequently on cold days?

#### Section B. (60 Marks)

41. (a) Mention any two disorders of the respiratory system

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

- (b) Give two ways of keeping the respiratory system in a good working condition.

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

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

42. (a) Write down any two examples of straight fertilizers.

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

- (b) Mention any two methods of applying straight fertilizers in the garden.

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

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

43. The table below shows eye defects and their cause. Study it carefully and match correctly.

Eye defect	Cause
Short sight	Having too thin eye lens.
Long sight	Having too thick eye lens.
Astigmatism	Lack of enough light cells in the retina.
Colour blindness	Having an irregular cornea.
(a) Short sight : _____	
(b) Long sight : _____	
(c) Astigmatism : _____	
(d) Colour blindness: _____	

44. (a) Name any two skin diseases caused due to poor personal hygiene.

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

(b) Give two ways of caring of the body.

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

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

45. (a) Mention two factors considered when sorting clothes for cleaning.

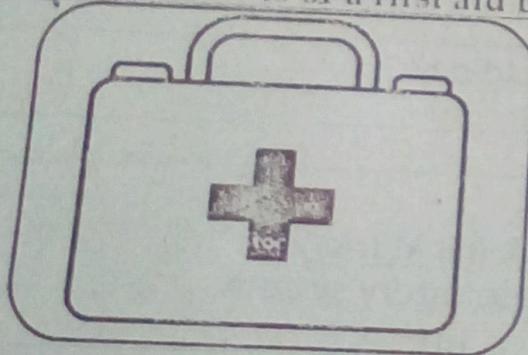
(i) \_\_\_\_\_

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

(b) Apart from sorting, write down two other steps to follow when cleaning clothes.

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

46. The diagram below is of a first aid box. Use it to answer questions that follow.



(a) State the importance of the first aid box drawn above.

(b) What name is given to items kept in the above tool?

(c) Write any two items kept in a first aid box.

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

47. Mention two examples of rodents that destroy tuber crops.

(iii)

(iv) State two true effects of pests to crops.

(v)

(vi) What is meant by the term antisocial behaviors?

(a) Give any two causes of trachy.

(i)

(ii)

(c) State any one way of preventing antisocial behaviors

(d) Name the type of germs that causes pneumonia in rabbits.

(e) Give any two signs of pneumonia in rabbits.

(i)

(ii)

(c) Why should a batch be well ventilated?

50. (a) Assuming you are the health prefect in your school. Give two activities you would do during health parades that can curb down covid 19.

(i)

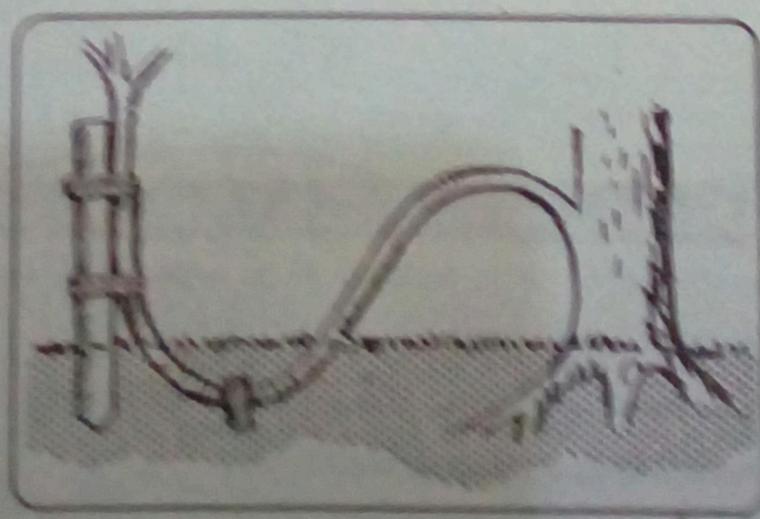
(ii)

(b) In which two ways have health parades managed to handle covid 19 in schools?

(i)

(ii)

51. The diagram below shows a method of propagation, use it to answer questions that follow.



(a) Name the **method** of artificial vegetation propagation shown in the diagram above.

(b) Apart from the method in the diagram above, mention **two** other methods of artificial vegetation propagation.

(i)

(ii)

(c) Write down any **one** plant propagated by the method named in (a) above.

52. (a) Give **two** reasons for providing shelter to cattle.

(i)

(ii)

(b) State any **two** characteristics of a good cattle house.

(i)

(ii)

53. (a) Write down **two** conditions for rusting to take place.

(i)

(ii)

(b) How is **rusting** and **burning** similar?

(c) In which way does **galvanizing** prevent rusting?

54. (a) Why is a **car** regarded as a complex machine?

(b) Apart from a **car**, mention **two** other examples of complex machines.

(i)

(ii)

(c) How does a car simplify work?

55. Mention any **two** disorders of the reproductive system in;

(a) females

(i)

(b) males

(i)

(ii)

(ii)



### Hidden Tip For Excellence in Integrated Science.

- Passionately engage in study groups especially for those areas/concepts that are challenging to you.

- During these discussions, give and as well listen to other members' views to get the most appropriate answers.