

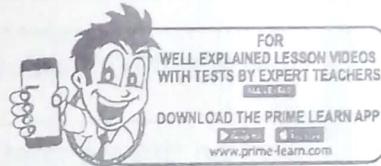
**Prime
consult** THE PRIME EXAMINATIONS 2023

PRIMARY FIVE END OF YEAR

INTEGRATED SCIENCE

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Time allocated 2 hours 15 minutes



Name:

Signature:

School:

District Name:

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)

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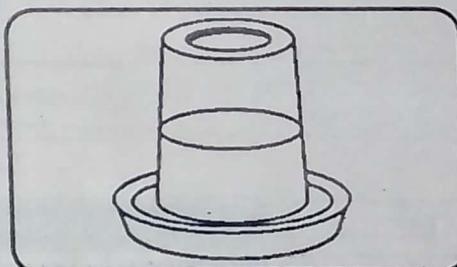
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Turn Over

Section A (40 Marks)

1. Name the common accident caused by careless running.
2. To which type of change do you group ripening fruits in the environment?
3. Why do farmers carryout dosing in goats?
4. Give one advantage of bottle feeding to the mother.
5. Mention the element of PHC that helps to prevent bad body smell.

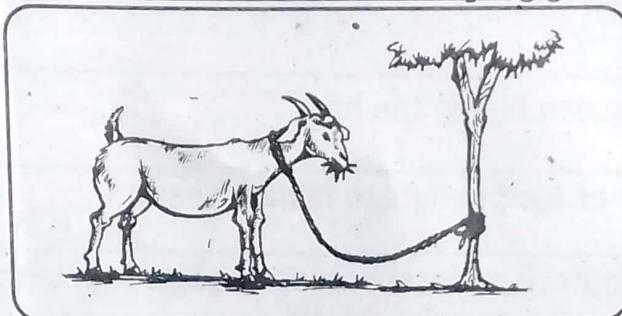
The diagram below shows an equipment found in a deep litter house. Use it to answer questions 6 and 7.



6. Name the equipment shown in the diagram above.
7. Give the use of the equipment shown in the diagram above in a deep litter house.
8. Which component of air is used to preserve semen obtained from Billy goats?
9. State one way of conserving wood fuel at home.
10. Mention one example of a physical change in the environment.
11. Name the goat disease caused by trypanosomes.
12. Why should pregnant mothers be fed with foods rich in proteins?
13. How do bacteria reproduce in the environment?

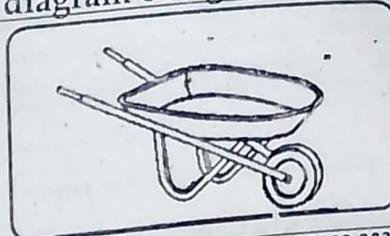
14. Give the reason for washing our hands with soap and clean water after using a latrine.
15. State one way of caring for carrot crops in the garden.

The diagram below shows a method of keeping goats. Use t to answer questions 16 and 17.



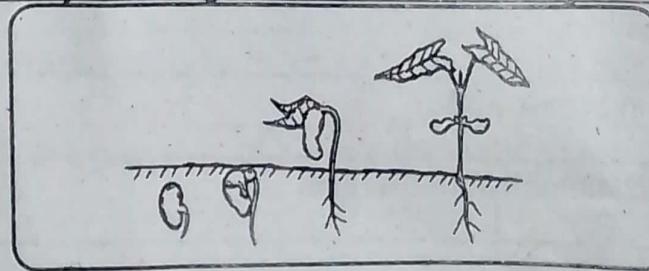
16. Name the method of grazing goats shown in the diagram above.
17. Give one advantage of using the method above when grazing goats.
18. What do we call *the energy possessed by a rolling stone?*
19. Name any one type of a rabbit hutch.
20. Why is *rusting* referred to as a *chemical change*?
21. State one principle of PHC.
22. Name one mineral salt absent in breast milk.
23. Why is marasmus called a non-communicable disease?
24. Which part of an egg is similar to the plumule and the radicle of a germinating seed?
25. Give one reason for constructing a goat's house with a slanting floor.

Use the diagram of a garden tool below to answer questions 26 and 27.



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26. Name the farm equipment shown in the diagram above.
27. How can a farmer prevent the above garden tool from rusting?
28. You are a health prefect in your school. Give one activity you would do during health parades.
29. State the role of a queen bee in the hive.
30. Mention one danger of food beliefs to human health.
31. How can a farmer improve on local breeds of goats in a farm?
32. Which method can be used to separate stones from beans?
33. In which one way is a child health card important to a health worker?
34. Write 3Ds in full as used in science.
35. Why do plants need sunlight in the environment?

Study the diagram below to answer questions 36 and 37.



36. Name the type of change shown in the diagram above.
37. Give the reason to support your answer in (36) above.
38. In which part of the digestive system does the digestion of proteins start?
39. How are tapeworms dangerous to man?
40. State one role of a father at home.

Section B (60 Marks).

41. (a) Mention any two examples of domestic animals kept at home.

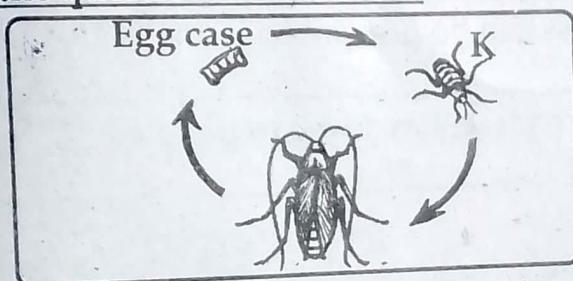
(i) _____ (ii) _____

(b) Which animal product is used for making;

(i) leather bags _____

(ii) manure _____

42. The diagram below shows a type of metamorphosis. Study and use it to answer the questions that follow.



(a) Name the type of metamorphosis shown in the diagram above.

(b) Mention any two insects that undergo the type of metamorphosis shown in the diagram above.

(i) _____ (ii) _____

(c) Identify the stage marked K from the diagram above.

43. (a) Write one responsibility of the following in promotion of health in the community.

(i) an individual _____

(ii) a family _____

(b) Mention any two examples of good health practices among people in the community.

(i) _____

(ii) _____

44. (a) What term is used to mean the following in bee keeping;

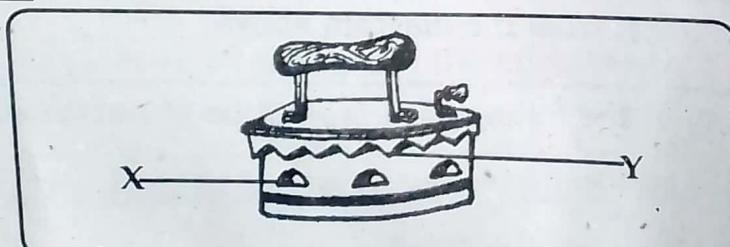
(i) selecting a suitable place to put a bee hive.

(ii) encouraging bees occupy an empty hive.

(b) State two factors to consider before choosing a place for an apiary.

(i) _____

(ii) _____

45. Peter forgot his hoe out for a night. He found it when it has a brown powder on it.
- (a) What do we call the *brown powder on the hoe*?
- (b) Name the process that led to the formation of the brown powder on the hoe
- (c) How can the above process affect the hoe?
- (d) Give one way how the above process can be prevented in metals.
46. (a) Name the type of mosquito that spreads yellow fever to people.
- (b) Give two signs of malaria.
- (i) _____
- (ii) _____
- (c) State any one effect of malaria to people.
47. The diagram below is of an ironing box. Use it to answer the questions that follow.
- 

(a) How are holes X and Y important on the iron box above?

(i) X _____

(ii) Y _____

(b) What is the advantage of making the handle of an ironing box using wood?

(c) Why is the ironing part of the ironing box made of a metal?

48. (a) What is meant by the term **sanitation**?

(b) State any two ways of promoting proper sanitation at home.

(i) _____

(ii) _____

(c) Give one item used to promote proper sanitation.

49. (a) Name the type of soil best for;

(i) making ceramics _____

(ii) growing crops _____

(b) Mention two components of the soil.

(i) _____

(ii) _____

50. Match the elements of PHC in A and their importance in B.

A

(a) Health education

B

enables families to have few number of children.

(b) Sanitation

helps to prevent teeth diseases.

(c) Oral and dental health care

helps to prevent communicable intestinal diseases

(d) Family planning

provides information how to care for our health.

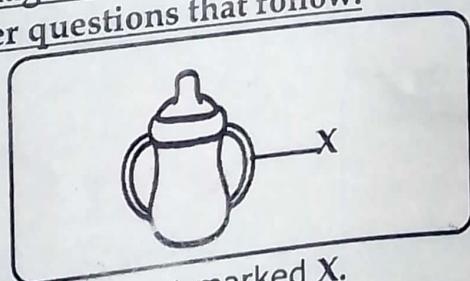
(a) Health education

(b) Sanitation

(c) Oral and dental health care

(d) Family planning

51. The diagram below shows an equipment used in the feeding of babies. Use it to answer questions that follow.



(a) Name the part marked X.

(b) Name the kind of feeding babies that requires the use of is such equipment shown in the diagram above.

(c) State one condition that can lead to above kind of feeding babies.

(d) Give one advantage of above kind of feeding to a baby.

52. (a) Mention any two methods castration.

- (i) _____
(ii) _____

(b) Give any two reasons for castrating male animals.

- (i) _____
(ii) _____

53. (a) To what type of change would you group the following;

- (i) turning of ice into water

(ii) burning of dry wood into ash.

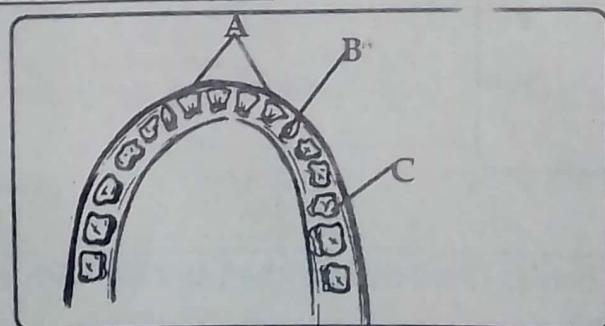
(b) Mention any two ways of managing body changes.

- (i) _____
(ii) _____

54. (a) What we call the *mass per unit volume*?

(b) Find the density of an object whose mass is 20g and volume 5cc. (03 Marks)

55. The diagram below shows a human dental formula. Use it to answer the questions that follow.



(a) Name the teeth labelled A and B.

- (i) A _____ (ii) B _____

(b) Give the function of the tooth labelled C.

(c) State any one way of caring for our teeth.