



THE PRIME EXAMINATIONS 2024

P.6 MID TERM II

INTEGRATED SCIENCE

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Time allocated 2 hours 15 minutes



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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

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

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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:-

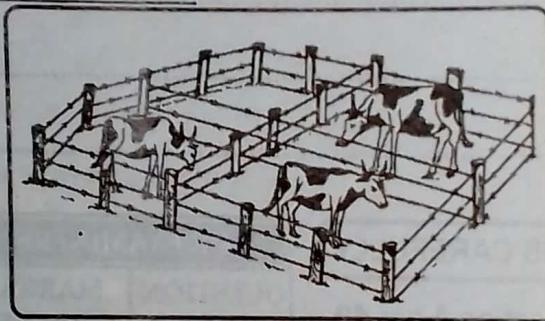
THE PRIME, SCHEMING FRAME WORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES
LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

Section A. (40 Marks)

1. Name one product obtained from poultry.
2. How does the length of the string affect the pitch of sound produced by a guitar?
3. Why is **loam** soil the best soil for growing crops?
4. Give one use of soap in promoting personal hygiene.
5. Give one characteristic that makes melting of ice a physical change.

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The diagram below shows the system of grazing cattle. Study it and answer questions 6 and 7.

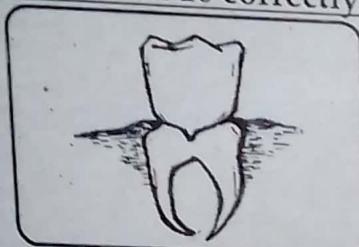


6. Which method of rotational grazing cattle is shown in the diagram above?
7. State any one advantage of grazing cattle using the method shown in the diagram above.
8. How is deforestation dangerous to the environment?
9. Give one reason why soft boards are put in cinema halls.
10. How is cassava propagated?
11. Give any one danger of wearing dirty clothes.
12. State one reason why laying nests should be put in dark places in a poultry house.

13. Give one importance of PIASCY messages to school children.

14. Name one root tuber which is propagated by means of seeds.

The diagram below shows a types of tooth. Study and use it to answer questions 15 and 16 correctly.



15. State the function of the tooth shown in the diagram above.

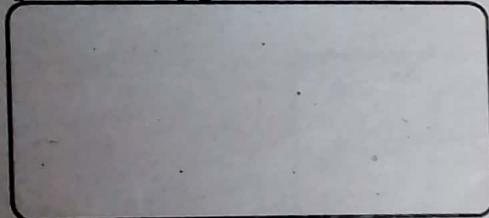
16. Give any one way of caring for our teeth.

17. Which vector spreads sleeping sickness to people?

18. Name the mineral salt that helps in the formation of red blood cells.

19. How is blubber useful to sea mammals?

20. In the space below draw and name any one material used in promoting personal hygiene?



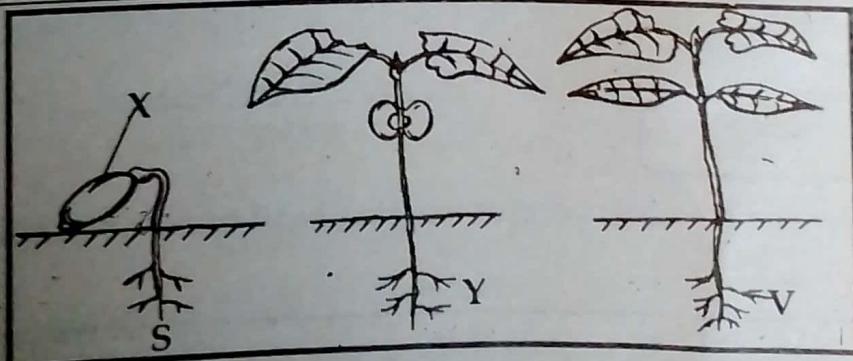
21. Give one reason why some farmers prefer keeping local breeds of cattle to exotic breeds.

22. Name the fungus that helps in the fermentation of alcohol.

23. Apart from exerting pressure, give one other property of matter.

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24. Why do fish die shortly after being removed from water?
25. Give one reason why people smoke tobacco.
26. Name one agent of fruit and seed dispersal.
27. State any one use of algae to human beings.
28. Give one way how slashing of tall grass in the compound prevents the spread of malaria.
29. Why do farmers carry out crossbreeding of cattle on the farm?
30. Apart from pinnate, mention one other example of a compound leaf.
31. Which rabbit disease is characterized by wounds and pus on their ears?
32. How are geckoes adapted to moving on the ceiling board without falling down?
33. State one importance of having health parades in schools.

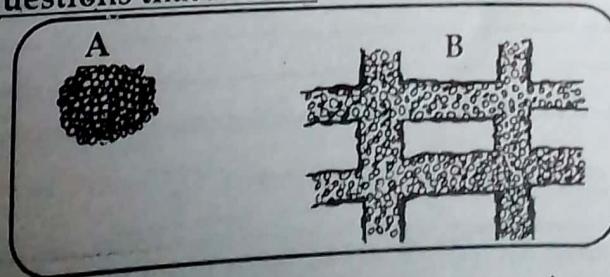
The diagram below shows a type of germination. Study and use it to answer questions 34 and 35 correctly.



34. Name the type of germination shown in the diagram above.
35. How useful is part marked X to the seedling at stage S?

36. State one way how deep litter system contributes to crop growing.
37. Give the first aid for snake bites.
38. Why is it advisable to give ORS to a person suffering from diarrhoea?
39. State one sign of a cow on heat.
40. Give any one way how people can reuse plastic items at home.

41. (a) Name any one plant growth requirement got from the soil through plant roots.
- (b) State any two conditions needed by plants for photosynthesis to take place.
(i) _____
(ii) _____
- (c) How is water useful to plants during photosynthesis?
42. (a) Mention any two methods of preserving milk.
(i) _____ (ii) _____
- (b) State any two reasons for housing cattle.
(i) _____
(ii) _____
43. The diagram below shows the eggs of amphibians. Study and use it to answer the questions that follow.



- (a) Name the amphibian that lays eggs as shown in A and B above.
(i) A: _____ (ii) B: _____
- (b) How are eggs of amphibians protected from predators?

44. (c) State one adaptation of frogs to live in water.

(a) Give any one way how you can promote the following elements of PHC in your community;

(i) Immunization

(ii) Water and sanitation

(b) State two ways how a family can help to promote PHC.

(i) _____

(ii) _____

45. (a) Give the meaning of an accident.

(b) Give two reasons for administering first aid to the casualty.

(i) _____

(ii) _____

(c) How is an arm sling important to a person with a fractured arm?

46. Match the types of breeding in list A and their meaning in B.

A

Inbreeding

Crossbreeding

Line breeding

Out breeding

B

Mating different pure breed of animals.

Mating of different families of the same breed.

Mating of closely related animals.

Mating distantly related animals with the same ancestors.

(a) Inbreeding : _____

(b) Crossbreeding: _____

(c) Line breeding: _____

(d) Out breeding : _____

47. (a) Name the primary source of food in the environment.

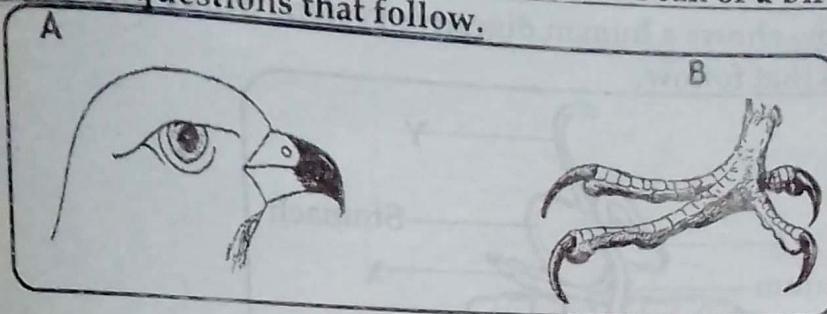
(b) Give a reason why mushrooms are not referred to as plants.

(c) Mention two examples of coniferous plants.

(i) _____

(ii) _____

48. **WARNING: Not to be reproduced electronically!** The diagram below shows the foot and the beak of a bird. Study and use it to answer the questions that follow.



(a) Identify the group of birds with the type of foot and beak shown above.

(b) How is the above beak and foot useful to a group of birds named in (a) above?

(i) Foot : _____

(ii) Beak : _____

(c) Give one way how the group of birds named in (a) above dangerous to poultry farmers.

49. (a) State any two ways of maintaining proper sanitation at home.

(i) _____

(ii) _____

(b) Mention the place at school which is used for proper disposal of rubbish.

(c) Why is cholera regarded as a communicable disease?

50. (a) Give a difference between drug abuse and drug misuse.

(b) Mention two examples of drugs commonly abused in the society.

(i) _____ (ii) _____

(c) Give any one reason for buying drugs from health centres.

51. (a) Give two characteristics of seeds dispersed by wind.

(i) _____

(ii) _____

(d) State two advantages of seed dispersal.

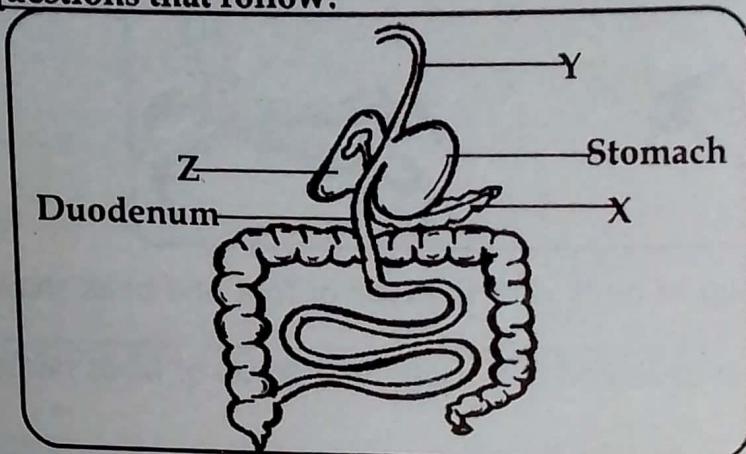
(i) _____

(ii) _____

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52. **The diagram below shows a human digestive system. Study and use it to answer questions that follow.**

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(a) Name the organ of the digestive system marked Z in the diagram above.

(b) Give the importance of the body organ marked X in the diagram above.

(c) State any two ways how you can care for the digestive system.

(i) _____

(ii) _____

53. (a) Name the tool used by cattle farmers when carrying out closed castration.

(b) Give any two ways of identifying cattle on a farm.

(i) _____

(ii) _____

(c) State any one way of preventing internal parasites in cattle.

54. (a) Mention any two ways of controlling the growth of weeds in the garden.

(i) _____

(ii) _____

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

(c) Apart from controlling pests, state any one reason for weeding crops.

55. (a) State any two conditions that may lead to bottle feeding in babies.

(i) _____

(ii) _____

(b) Give any one disadvantage of bottle feeding to a baby.

(c) Why is breastmilk the best meal for babies?