

FLYING BEYOND LIMITS IN LEARNING

END OF TERM II EXAMINATIONS 2025

CLASS : P.6

SUBJECT : INTEGRATED SCIENCE

Name: _____ **Stream:** _____

Campus: _____

Time allowed: 2 hours 15 minutes.

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**.
2. Section **A** has **40** questions (40 Marks)
3. Section **B** has **15** questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections **A** and **B** must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated:

"FOR EXAMINER'S USE ONLY"

For Examiner's Use Only;

PAGES	MARKS	INITIALS
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Page 6		
Page 7		
Total		

Please turn over

SECTION A (40Marks)
(Each question carries one mark)

1. State the body organ which uses sound energy.

2. Give **one** way of making water for drinking safe.

3. How are echoes formed in the environment?

4. Write the role of plants in the formation of rain.

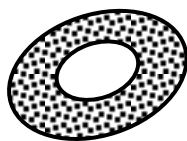
5. Name the part of a banana plant used in propagation.

6. In which way can bats be useful in our environment?

7. Mention the component of air used as a preservative in bottled drinks.

8. Apart from opium, name any other example of a drug of dependency.

9. How is the blood component below important in our bodies?



10. Write any **one** weather instrument kept in the Stevenson screen.

11. Why does sand soil allow water to drain through it easily?

12. State the main reason why mosses are grouped under non flowering plants.

13. How best can a primary six pupil protect him/herself against HIV/AIDS?

14. Mention **one** method used by plants with weak stems to climb others.

15. Which part of the ear has the same function like an amplifier of a music system?

16. To which group of mammals does the organism shown in the picture below belong?



17. State the reason why splints are tied around a broken bone.

18. Write the difference between **music** and **noise**.

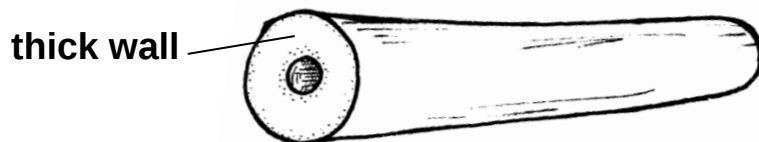
19. How do leguminous plants help to improve the fertility of the soil?

20. Name any **one** example of an insect in our community.

21. In which state of matter does heat travel by conduction?

22. Why do farmers carry out ear tagging of their animals on a cattle farm?

23. State the type of blood carried in the blood vessel shown in the diagram below.



24. How can an individual promote personal hygiene?

25. Mention **one** activity done on a poultry farm.

26. Write **one** way of improving the normal functioning of the circulatory system.

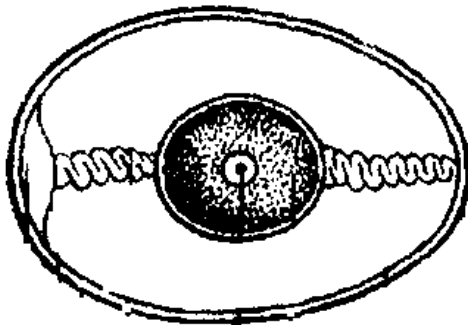
27. Why are bats regarded as nocturnal animals in the environment?

28. Name the bacterium which causes typhoid.

29. Write the instrument used to test the presence of mastitis in milk.

30. Why are children advised to wash their hands before eating food?

31. With the help of an arrow and letter **S**, label the part that provides fresh air to the embryo.



32. Why are spiders grouped under invertebrates?

33. Mention any **one** factor that leads people to drink alcohol.

34. State the brief meaning of the phrase **seed dispersal**.

35. Why do people plant short grass in their compounds?

36. Why are animals regarded as living things in our environment?

37. How do scorpions defend themselves against enemies?

38. State the reason why some plants modify their leaves to thorns.

39. How is immunisation important to the bodies of babies?

40. Write **one** example of an exotic breed of cattle kept for milk production.

SECTION B (60 Marks)
(Each question carries 4 marks)

41. a) Name the arachnid which spreads East coast fever in cattle.

b) State any **two** ways of controlling the above arachnid on a cattle farm.

i) _____

ii) _____

c). Which organ do arachnids use for breathing?

42. State the condition of the body caused as a result of frequent passing out of watery stools.

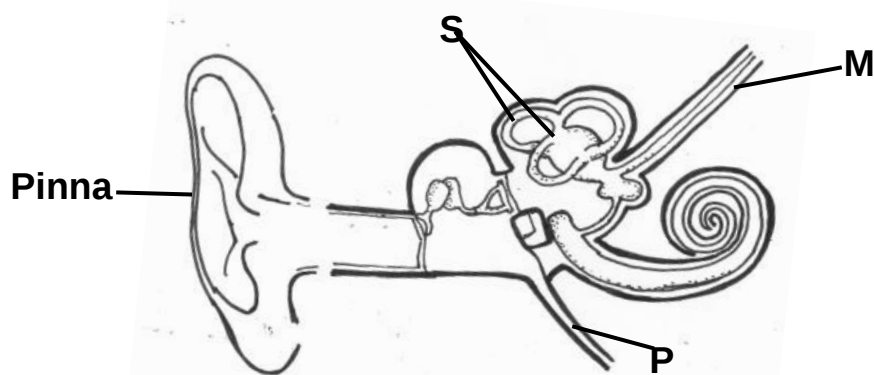
b) Mention any **two** fluids which can be given to a person to prevent the above condition.

i) _____

ii) _____

c). How is the above condition dangerous to the body?

43. The diagram below is of a human ear. Study it carefully to answer the questions below.



a) Name the parts labelled with:

i) **S** _____

ii) **P** _____

b). State the function of part **M**.

c). Write **one** disease that may attack the human ear.

44. a) Name **one** of the killer diseases which affects the lungs.

b) Why are children taken for immunisation?

c). Write the part of the human body where these vaccines are administered:

i). DPT Vaccine _____

ii). Measles vaccine _____

45. a) Why are oranges regarded as fruits?

b) Mention any **two** groups of succulent fruits.

i). _____

ii) _____

c) Give a reason why mangoes are grouped under drupes.

46. a) Write the term used to mean the movement of bees from one place to another.

b) State **two** factors that can lead bees to move from one place to another.

i). _____

ii). _____

c) How can the movement of bees be controlled?

47. a) Write **two** examples of exotic breeds of rabbits.

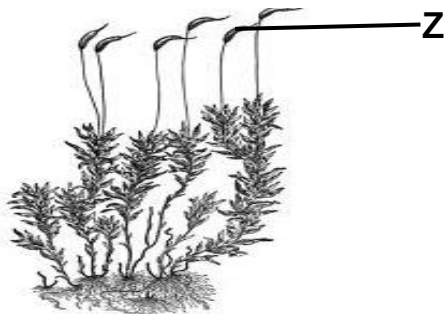
i) _____

ii) _____

b). How can farmers control the spread of diseases on their rabbit farms.

c). Mention **one** way in which diseases are spread on a farm of rabbits.

48. **The diagram below shows a certain plant in the environment. Study it carefully to answer the questions that follow.**



a) To which group of plants does the above belong?

b) Name the plant shown in the diagram above.

c). What name is given to part **Z**?

d). How is part **Z** useful to the above plant?

49. a). State **one** role of a first aider.

i). _____

ii). _____

b) Mention the condition of the body which is caused by diarrhoeal diseases.

c). Mention any **one** activity done in a home to control diarrhoeal diseases.

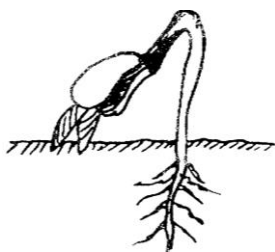
50. a) Name the type of feathers which help a maraboutstork to fly.

b). Apart from the above, name other **two** types of feathers.

i) _____ (ii) _____

c). How is moulting important to birds?

51. a) Which type of germination is illustrated in the diagram below?



b) What name is given to the first leaves to appear after germination?

c) State **two** conditions which may make seeds fail to germinate.

i) _____

ii) _____

52. a). State the difference between spiders and cockroaches in terms of breathing.

b). To which group of arthropods do we find the spiders?

c). Apart from spiders, name other **two** organisms that belong to the same group.

i). _____

ii). _____

53. a). Give a brief meaning of the term `` **resource**''.

b). Write the **two** types of resources found in the environment.

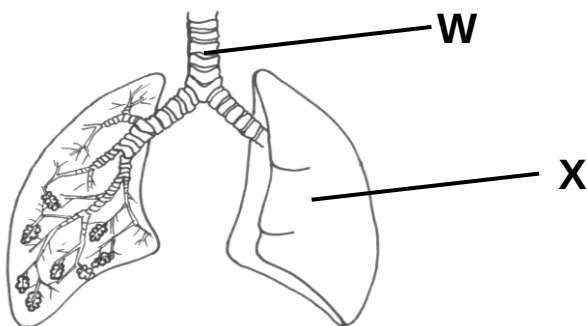
i). _____

ii). _____

c). Why is soil regarded as a resource in our environment?

d). Mention **one** disease that can break out as a result of poor sanitation.

54. Study the diagram of the respiratory system and answer the questions that follow.



a). Name parts labelled:

i). **W** _____

ii). **X** _____

b). State the reason why part **W** is made up of rings of cartilage.

c). Write **one** habit among young people which damages part marked **X**.

55.a) Give a reason why cattle farmers practise cross breeding.

b). Mention **one** system used in keeping cattle.

c). Write any **two** products people get from cattle.

i). _____

ii). _____