



"For Better Performance"

PROSPER EDUCATIONAL CONCERN

END OF TERM II ASSESSMENT 2024

PRIMARY SIX

INTEGRATED SCIENCE

TIME ALLOWED: 2HRS:15 MINUTES

NAME:

SCHOOL NAME:

DISTRICT NAME:

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper has two sections A&B
Section A has 40 short Questions (40 marks)
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 fountain pen.
Diagrams should be drawn in pencil.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks
6. Do not fill any thing in the boxes shown "for Examiners' use only" and those inside the Question paper.

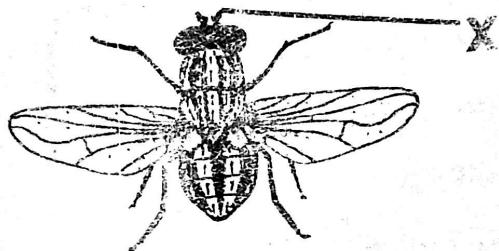
For Examiners' Use Only

PAGES	Marks	SIGN
Page - 1		
Page - 2		
Page - 3		
Page - 4		
Page - 5		
Page - 6		
Page - 7		
TOTAL		

SECTION A

1. Name **one** element of weather.
2. Mention the class of food digested in the mouth.
3. Which part of the Irish potato plant is eaten by man?
4. Why do some objects like stones sink in water?
5. Name the component of blood that transports oxygen in the body.
6. What kind of change takes place when ice melts to form water?
7. Give any **one** advantage of seed dispersal.

Use the diagram of an insect drawn and answer the questions 8 and 9.



8. Name the part marked with letter X.
9. How is part marked X useful to the insect drawn above?
10. Give a reason why it is a good practice to chew food properly before swallowing it.
11. What do you understand by the term **Cereal crops**?
12. Identify the role of the queen bee in the bee hive.
13. State any **one** example of deficiency diseases.
14. Why do earthworms come out of the ground immediately after it has rained?
15. State any **one** importance of alcohol to people.
16. Give any **one** characteristic of scavenger birds.

17. What type of fertilization does a fish undergo?

18. **How is the fruit drawn below dispersed?**



19. Give any **one** characteristic of beef cattle.

20. How is soil conserved as a resource?

21. Name the body organ that controls all the activities in the body.

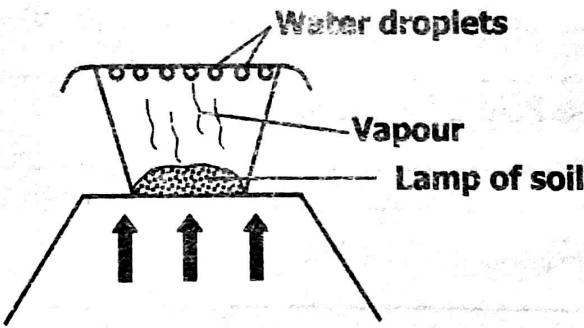
22. Write down any **one** way of preserving food locally.

23. Name the poisonous substance found in tobacco.

24. Which rabbit disease is characterized by wounds and pus on their ears?

25. Mention **one** disadvantage of keeping poultry on free range system.

26. **What does the experiment in the diagram below show about soil?**



27. What is **feeding**?

28. Write **PHC** in full.

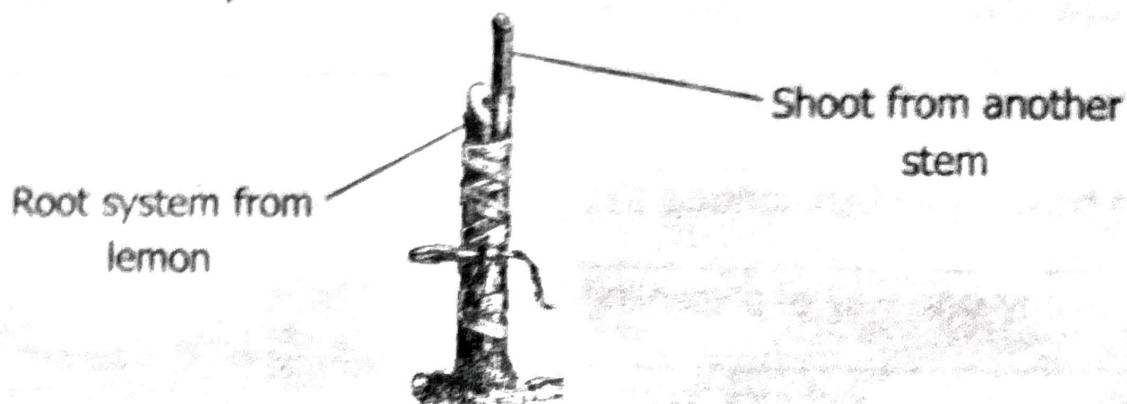
29. Give any **one** place where bacteria are found.

30. Mention any **one** example of a good conductor of heat.

31. Name the animal product used in leather industry.

32. Which method of heat transfer helps farmers to dry their harvested crops?
33. Why is the left side of the heart able to pump blood to most parts of the body?
34. In which part of the human alimentary canal is water absorbed?

The diagram below shows a method of plant propagation. Use it to answer the questions that follow.



35. Name the method of plant propagation shown in the diagram above.
36. Mention any one factor considered when starting a livestock farm.
37. Which term refers to an animal without backbone?
38. How are molar teeth similar to premolar in terms of their function?
39. Write down any one PIASCY message.
40. Coniferous plants do not produce flowers. How is their reproduction similar to that of a bean plant?

SECTION B:

41. a) Name any two uses of feathers to a bird.
i). _____
ii). _____
- b) What type of feathers covers the tails and wings of birds?
- c) Apart from meat and egg production, give any one other reason why people keep poultry.

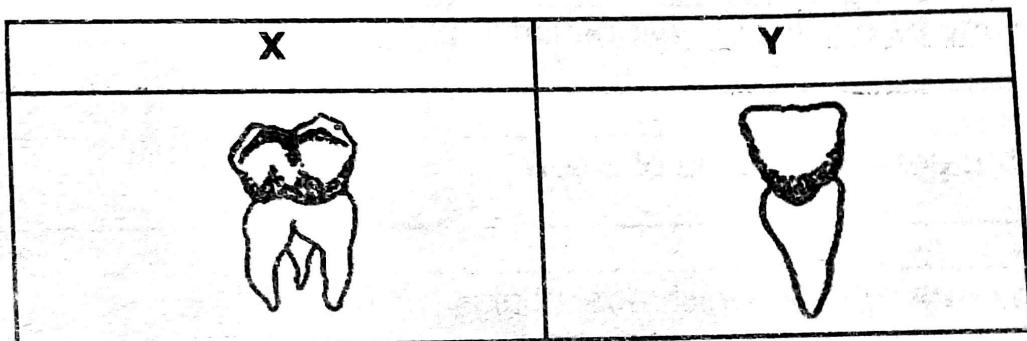
42. Why are bees grouped under social insects?

b) Give **two** ways in which social insects benefit from working together.

- _____
- _____

c) Name any **one** product of bees.

43. The diagrams below show two types of teeth. Use it to answer the questions that follow.



a) Name the type of teeth marked:

- _____
- _____

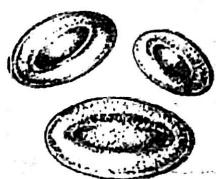
b) Give the function of each of the teeth.

- _____
- _____

44. a) Name the smallest blood vessel in the body.

b) Identify the importance of valves in the heart.

c) Name the component of blood shown in the diagram below.



d) Suggest **one** organ related to the circulation.

45. a) How does a mushroom reproduce?

b) Give any **two** organisms that reproduce in the same way like a mushroom.

- _____
- _____

c) Why is a mushroom not regarded as a true plant?

46. a) State any **two** examples of essential drugs.

- i). _____
ii). _____

b) Why is it advisable for a nurse to prescribe drugs?

c) Give **one** danger of buying drugs from local shops.

47. a) Give any **two** signs of heat period in pigs.

- i). _____
ii). _____

b) What is the gestation period of a sow?

c) Name any **one** disease which affects pigs.

48. a) What are **ungulates**?

b) Mention any **one** type of ungulates.

c) Write down any **one** example of animal with the foot shown below.



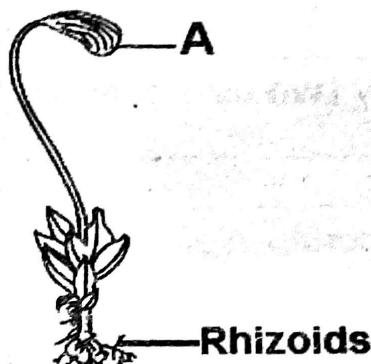
49. a) Mention **one** part of the ear that makes up the middle ear.

b) How is the **pinna** adapted to collecting sound waves?

c) What is **deafness**?

d) Give any **one** cause of deafness.

50. Study the diagram of non-flowering plant drawn below and answer the questions that follow



a) Name the part marked A.

b) Identify the importance of part marked with letter A.

c) How does the above plant reproduce?

d) Identify any one place where the above drawn plant grows.

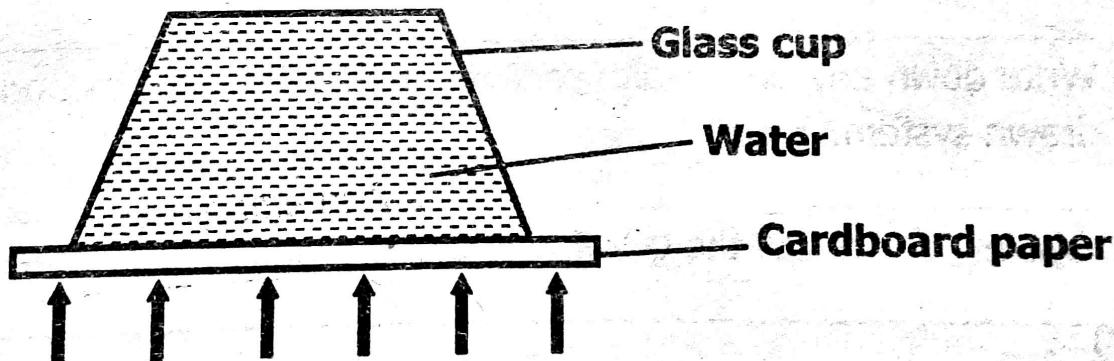
51. a) How do we call air in motion?

b) Identify any two gases that make up air.

i).

ii).

c) Identify the property of air shown in the diagram below



52. a) Write down any two activities a P.6 pupil can do to promote personal hygiene.

i).

ii).

b) State two reasons why people should observe personal hygiene.

i).

ii).

53. a) How is a leaf attached to the branch of a tree?

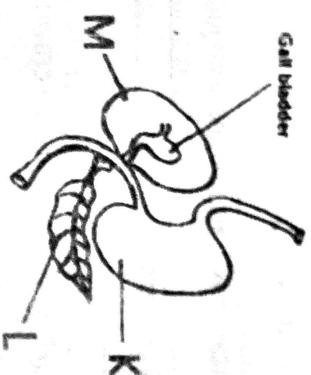
b) Write down any **two** uses of leaves to people.

i).

ii).

c) What is the importance of chlorophyll in a leaf?

54. Study the diagram below and answer the questions that follow.



a) Under which body system does the above diagram belong?

b) Name the part marked M.

c) Identify any **one** enzyme found in gastric juice produced in part **K**.

d) Write down any **one** health condition for the proper functioning of the above drawn system.

55. a) How do we call the growing of a seed embryo into a seedling?

b) Write down any **two** conditions needed for seed germination.

i).

ii).

c) Under what type of germination does a maize grain belong?