

# PROSPER EDUCATIONAL CONCERN

## END OF TERM I 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.

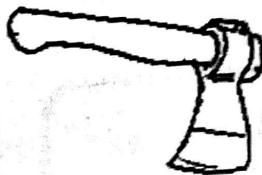
#### For Examiners' Use Only

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

## **SECTION A (40marks)**

1. Name **one** insect vector.
2. Mention **one** role of a child in a home.
3. Why are farmers discouraged from transplanting seedlings in the morning?
4. Mention any **one** way in which plants benefit from animals.
5. Why is typhoid regarded as a communicable disease?

**Below is a garden tool. Use it to answer question number 6.**



6. State the use of the above drawn garden tool.
7. Why does a feather float on water?
8. Mention the blood component destroyed by plasmodium germ.
9. How does drainage of stagnant water control the spread of malaria?
10. Write down **one** substance used by doctors in hospitals to sterilize wounds of casualties.
11. How do we call animals with no back bones?
12. What happens to metals when left in moist places?
13. Name **one** vaccine administered to babies at birth.

**The diagram below shows a type of tooth. Study and use it to answer questions 14 and 15.**



14. Name the type of tooth shown above.

15. Identify the function of the above type of tooth.

**The diagram below shows a wild animal. Use it to answer questions 22 and 23**



16. Name the wild animal drawn above.

17. How is the above animal different from birds?

18. Convert  $32^{\circ}\text{F}$  to  $^{\circ}\text{C}$

19. Why are worker bees commonly seen around flowers?

20. State **one** sign of crops damaged by pests.

21. How does the boiling of water make it safe for drinking?

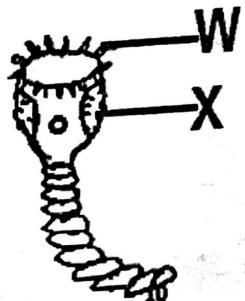
22. State **one** way of saving electricity at home.

23. Which immunisable disease can be got by drinking un boiled water?

24. Write down **one** principle of primary Health Care.

25. To which group of mammals does a rat belong?
26. Which food values protect the body against infections?
27. How is the ileum adapted to its function of food absorption?
28. Why do farmers in hilly areas practice strip cropping?
29. Name **one** body organ damaged by excessive consumption of alcohol.

**The diagram below shows the scolex. Use it to answer the question that follow**



30. Name the part marked X
31. How is part W useful to the organism above?
32. What is **seed germination**?
33. Name the type of immunity acquired by a child recovering from measles.
34. State any **one** way in which school children can control the spread of skin diseases.
35. Write down **one** activity carried out by young farmers club at school
36. How can you recover salt that is mixed with sand?
37. State **one** way of improving on soil fertility.
38. Give **one** way in which heat is important in the environment.

39. Name **one** example of useful fungus.

40. Why are coffee grouped under perennial crops?

### SECTION B.

41. What is meant by the term **leguminous crops**?

b) List down any **two** examples of leguminous crops.

i).

ii).

c) Which type of leaf venation do leguminous crops have?

42. State the type of change of change that takes place when.

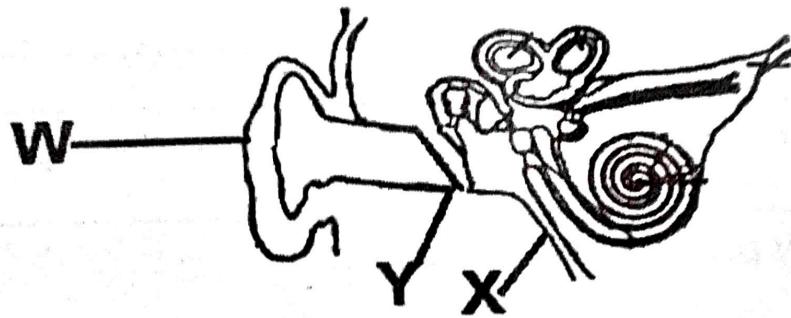
a) A knife rusts:

b) Water freezes:

c) A fruit ripens:

d) Salt dissolves in water:

43. The diagram below shows the human ear. Study and answer questions.



a) Identify parts labeled Y and X.

i). X

ii). Y

b) Which part collects sound waves?

c) Besides hearing, give **one** other use of the organ to people.

44. a) What are **arachnids**?

b) List any **one** characteristic of arachnids.

c) State any **one** example of arachnids.

d) Suggest the breathing organ for spider.

45. How is air different from wind?

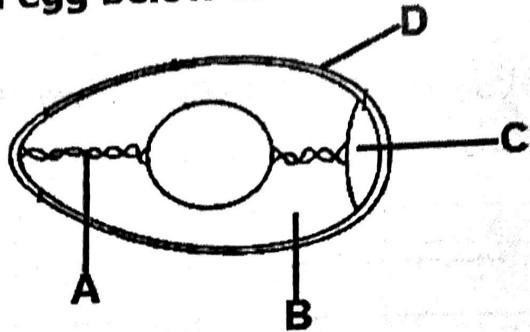
b) Name any **two** components of air.

i). \_\_\_\_\_

ii). \_\_\_\_\_

c) Which component of air is used in fire extinguisher?

46. Use the diagram of an egg below to answer questions about it.



a) Name the part labeled **A** and **B**.

i). **A** \_\_\_\_\_

ii). **B** \_\_\_\_\_

b) State the function of part marked **C**.

c) Give a reason why part marked **D** is porous.

47. a) What is **dehydration**?

b) State any **two** causes of dehydration.

i). \_\_\_\_\_

ii). \_\_\_\_\_

c) State the importance of sugar in **ORS**.

48. Name the accident that needs the following first aid.

i). Use of a tourniquet \_\_\_\_\_

ii). Putting the burnt part in clean cold water \_\_\_\_\_

b) Give **two** reasons why first aid should be given to a casualty.

i). \_\_\_\_\_  
ii). \_\_\_\_\_

49. Why do bees visit flowers?

b) Which type of bees guards the hive?

c) Name any **one** product got from bees.

d) State any **one** enemy of bees.

50. a) What is **heat**?

b) State any **one** source of heat.

c) Give **one** effect of heat on a metal

d) How is heat similar to sound?

51. Write **PHC** in full.

b) Which element of PHC helps to control childhood disease?

c) Mention any **two** elements of PHC apart from the mentioned in b) above.

i). \_\_\_\_\_  
ii). \_\_\_\_\_

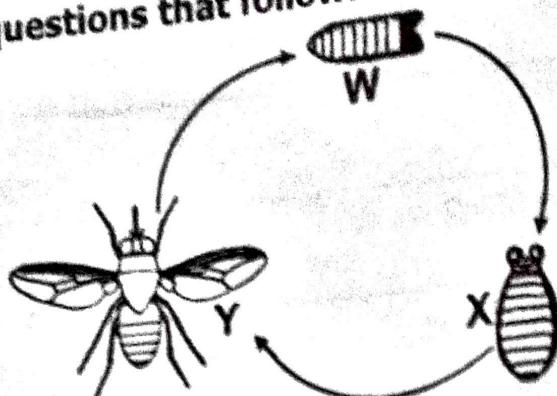
52. State any **two** crop farming practices that improve on soil fertility.

i). \_\_\_\_\_  
ii). \_\_\_\_\_

b) Why is watering seedlings important in a dry season?

c) Name any **one** perennial crop whose seedlings are first raised in a nursery.

53. The diagram below shows a metamorphosis of an insect. Use it to answer the questions that follow.



a) What type of metamorphosis is shown above?

b) Name the stage marked with letter W.

c) In which one way is stage marked Y harmful to man?

d) Apart from the above insect, give any one other insect that undergoes such a metamorphosis.

54. Give any one reason why people rear poultry.

b) State any one importance of litter in poultry house.

c) Mention any one poultry disease caused by protozoa.

d) Why do most poultry farmers in rural areas prefer free range to deep litter system?

55. Match the items in list A with those in list B correctly.

List A

- Vena cava
- Aorta
- Blood capillary
- Plasma

List B

- largest component of blood
- biggest vein
- biggest artery
- smallest blood vessel

i). Vena cava \_\_\_\_\_

ii). Aorta \_\_\_\_\_

iii). Blood capillary \_\_\_\_\_

iv). Plasma \_\_\_\_\_

\*\*SUCCESS\*\*