

## Plants: Living and Surviving

### The Achiever's Sheet

**Think and answer: -**

1. What is the process by which plants make their own food?
2. Name the green pigment found in plant cells that helps in photosynthesis.
3. How do plants absorb water from the soil?
4. What are the tiny openings on the surface of leaves through which plants exchange gases called?
5. Explain why sunlight is important for plants.
6. How do seeds travel from one place to another?
7. Describe two ways in which plants reproduce.
8. What is the function of roots in a plant?
9. Name two plants that grow in deserts and explain how they are adapted to survive in such harsh conditions.
10. How do carnivorous plants obtain nutrients that are lacking in their habitat?
11. What is the role of flowers in plant reproduction?
12. Describe the life cycle of a flowering plant, starting from seed germination.
13. How do plants adapt to survive in aquatic environments?
14. What is the difference between a deciduous and an evergreen tree?
15. How do plants protect themselves from herbivores and other threats?
16. Explain why some plants are considered invasive species and how they affect ecosystems.
17. What is the importance of pollination in plant reproduction?
18. How do plants respond to changes in their environment, such as light and temperature?
19. What are the main differences between a monocot and a dicot plant?
20. Why is it important to conserve and protect plant species?