

## Questions

1. Which I is used to test for starch?
2. Which C is the green pigment found in leaves?
3. Which C are structures found in green plant cells?
4. Which G is made by photosynthesis?
5. Which S is glucose stored as by plants?
6. Which O is the waste product of photosynthesis?
7. Which D is the physical process by which gases move in and out of leaves?
8. Which RH take in water and minerals?
9. Which WC is the top layer of a leaf?
10. Which N is an essential nutrient needed by plants?
11. Which P (with the symbol K) is an essential nutrient for plants?
12. Plants need nitrogen to make which P?
13. Which P is the process by which plants make food?
14. Which CD is needed for photosynthesis?
15. Which S is the energy used by plants for photosynthesis?
16. Which T is the transport of water in plants?
17. Which T is the transport of sugar in plants?
18. Which X is the plant tissue that water is transported via?
19. Which O is the physical process by which water travels in and out of cells?
20. Which A describes the transport of substances against a concentration gradient?

## Answers

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|----|----------------------|----|----------------|
| 1  | iodine               | 11 | potassium      |
| 2  | chlorophyll          | 12 | proteins       |
| 3  | chloroplasts         | 13 | photosynthesis |
| 4  | glucose              | 14 | carbon dioxide |
| 5  | starch               | 15 | sunlight       |
| 6  | oxygen               | 16 | transpiration  |
| 7  | diffusion            | 17 | translocation  |
| 8  | root hairs           | 18 | xylem          |
| 9  | waxy cuticle         | 19 | osmosis        |
| 10 | nitrates or nitrogen | 20 | active         |