**BLOG WORKSHEET**

**BIOLOGY CLASS 9**

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Q.1 Choose the best answer:

1. The diagram refers to some substances found in plant cells.



1. Sugar moves in phloem vessels as \_\_\_\_\_\_.
2. Cellulose
3. Glucose
4. Starch
5. sucrose
6. During light phase of photosynthesis \_\_\_\_\_\_ is oxidized and \_\_\_\_\_\_ is reduced.
7. CO2 and Water
8. Water and CO2
9. Water and NADP
10. NADPH2 and CO2
11. Rapid diffusion of carbon dioxide (CO2) to inner cells is ensured through
12. large flat surface
13. leaf stalk
14. thin lamina
15. closely packed palisade cells
16. Leaf stalk enables in
17. rapid diffusion of carbon dioxide
18. rapid diffusion of maximum sunlight
19. rapid loss of water
20. rapid conversion of physical energy in chemical energy
21. More light can be absorbed near leaf surface due to
22. more chloroplast in upper epidermis
23. more chloroplast in lower epidermis
24. more chloroplasts in stomata
25. more chloroplasts in upper palisade tissues
26. [Which organelle of the leaf reflects back excess light?](https://www.proprofs.com/discuss/q/245088/which-organelle-of-the-leaf-reflects-back-excess-light)
	1. Stomata
	2. Guard cells
	3. Waxy cuticle
	4. Midrib
27. [Which is the chemical equation for photosynthesis in plants?](https://www.proprofs.com/discuss/q/877606/which-is-the-chemical-equation-for-photosynthesis-in-plants-)

A. C6H12O6 + 6O2 + ATP → 6CO2 + 6H2O

 B. 6CO2 + 6H2O + light → C6H12O6 + 6O2 + 6H2O

 C.  C6H12O6 + 6O2 → 6CO2 + 6H2O + energy

Q.2. Look at the diagram and answer the following questions:



1. Which layer of the leaf has the most chlorophyll?
2. What is the function of upper epidermis?
3. Why do spongy mesophyll have air spaces?