

4. Which of the following tissue is capable of performing photosynthesis?

- (a) Aerenchyma
- (b) Sclerenchyma
- (c) Chlorenchyma
- (d) Cork

5. Which of the following meristem is also known as secondary meristem?

- (a) Shoot apical meristem
- (b) Root apical meristem
- (c) Intercalary meristem
- (d) Cambium

Answers:

1.

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|---|-------------------|
| (a) Flexibility | Collenchyma |
| (b) Large air spaces | Aerenchyma |
| (c) Meristematic activity | Cambium |
| (d) Thick lignified cell walls | Sclerenchyma |
| (e) Complex permanent tissue | Xylem |
| (f) Companion cells | Phloem |
| (g) Conduction of water and minerals | Tracheid & vessel |
| (h) Phloem transport | Bidirectional |
| (i) Long hair like structures | Trichomes |
| (j) Chemical substance with water proof quality | Cutin |
| (k) Cork tissue | Suberin |
| (l) Transpiration | Stomata |

2. (b)
3. (b)
4. (c)
5. (d)