

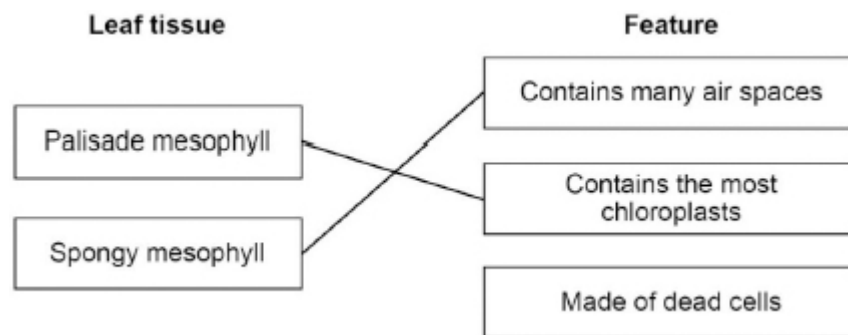
Mark schemes

Q1.

(a) organ

1

(b)



1

do **not** accept more than one line from a box on the left 1

1

(c) transpiration

1

(d) lignin

1

(e) (so) light can reach (palisade / spongy) mesophyll

*allow (so) light can reach (other / lower) layers / tissues**allow (so) light can reach other / lower cells**allow (so) light can reach chloroplasts / chlorophyll**ignore (so) light can get through*

1

for photosynthesis

1

(f) stomata

must be in this order

1

guard cells

1

(g) (permanent) vacuole

1

(h) active transport

1

(i) mitochondria

1

[12]

Q2.

- (a) a group of the same / similar cells

ignore a group of cells unqualified

or

a group of cells with a (similar / specific) function

ignore examples of tissue functions

1

- (b) meristem (tissue)

1

[2]