

1 Fig. 1.2 shows structures that produce urine and excrete it from the body of a mammal.

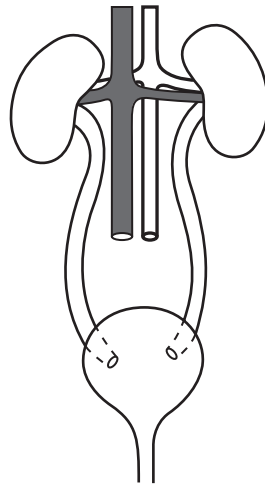


Fig. 1.2

Use examples from Fig. 1.2 to explain the difference between the terms *organ* and *organ system*.

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.....

.....

..... [3]

MARK SCHEME:

organ

- 1 composed of different tissues;
- 2 (tissues) together carry out a function;

organ system

- 3 composed of two / many organs;
- 4 carrying out separate functions;

- 5 functions combining to achieve major process / description;

If organ mislabelled on diagram accept this in **(c) (ii)** (error carried forward)
A – named / described function(s) for organ and / or system

A – different organs (note plural)

A – working together for one purpose / OWTTE

2 Fig. 3.1 is a photograph of part of a leaf, taken using a light microscope.

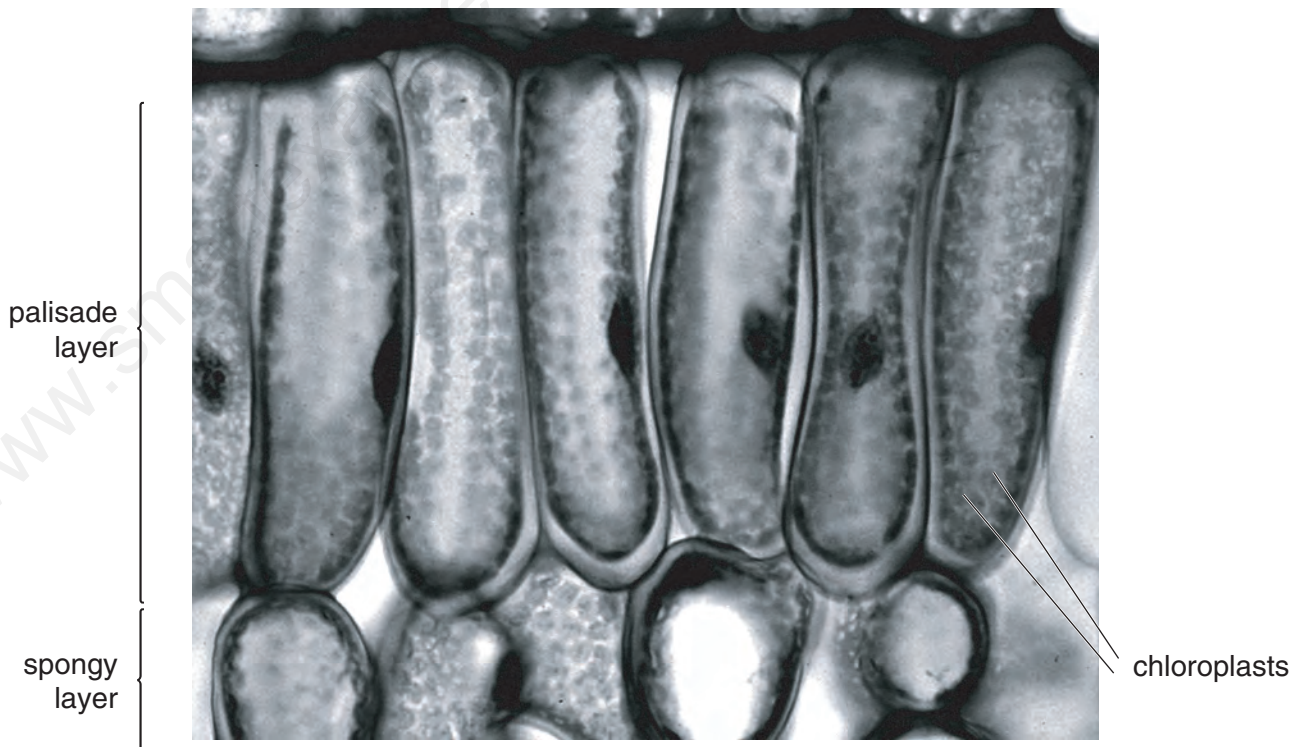


Fig. 3.1

What name is given to a group of similar cells such as the palisade layer in a leaf?

.....[1]

MARK SCHEME:

tissue; [1]

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