



Plant Organisation

1 Name a plant organ

.....
.....

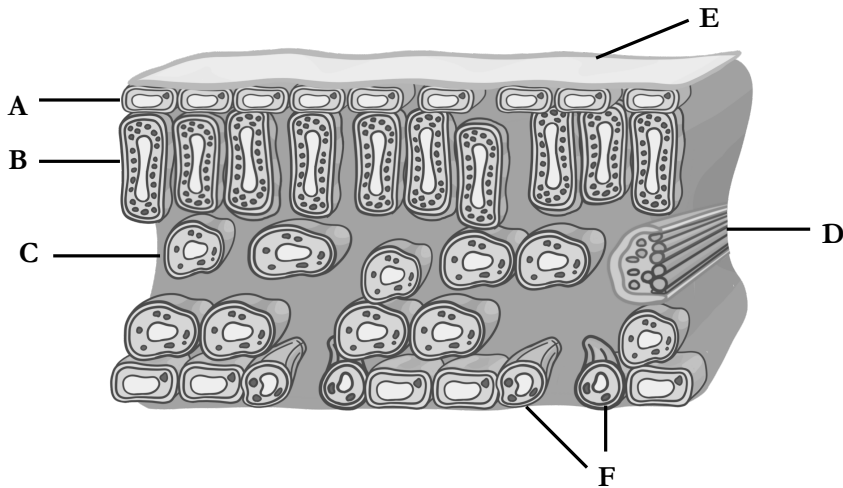
[1 mark]

2 What do the roots, stem and leaves of a plant form?

.....
.....

[1 mark]

3 Below is a cross section of a leaf



a) Name the tissues labelled A, B and C.

A- B- C-

[3 marks]

b) How are the cells in the tissue labelled B adapted for their function ?

.....
.....

[2 marks]

c) What is the purpose of the air spaces in tissue C?

.....
.....

[1 mark]

d) What structures are in the tube labelled D?

.....
.....

[1 mark]

e) What is the structure labelled E and how does it achieve it's function?

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.....
.....

[2 marks]

f) What are the cells labelled F? Explain their role and how they work.

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.....
.....

[5 marks]

2 An important tissue type in plants is meristem tissue

a) What is the role of meristem tissue?

.....
.....

[2 marks]

b) Name two locations that meristem tissue can be found

1)

2)

[1 mark]

[Total 19 marks]