

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Advanced Subsidiary GCE

BIOLOGY

2801

Biology Foundation

Thursday

8 JANUARY 2004

Morning

1 hour

Candidates answer on the question paper.

Additional materials:

Electronic calculator

Ruler (cm/mm)

Candidate Name

Centre Number

Candidate
Number

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TIME 1 hour

INSTRUCTIONS TO CANDIDATES

- Write your name in the space above.
- Write your Centre number and Candidate number in the boxes above.
- Answer **all** the questions.
- Write your answers, in blue or black ink, in the spaces provided on the question paper.
- Read each question carefully before starting your answer.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- You will be awarded marks for the quality of written communication where this is indicated in the question.
- You may use an electronic calculator.
- You are advised to show all the steps in any calculations.

FOR EXAMINER'S USE		
Qu.	Max.	Mark
1	6	
2	8	
3	6	
4	12	
5	12	
6	16	
TOTAL	60	

This question paper consists of 12 printed pages.

Answer **all** the questions.

1 Fig. 1.1 is a plan diagram of tissues in a transverse section of a dicotyledonous leaf.

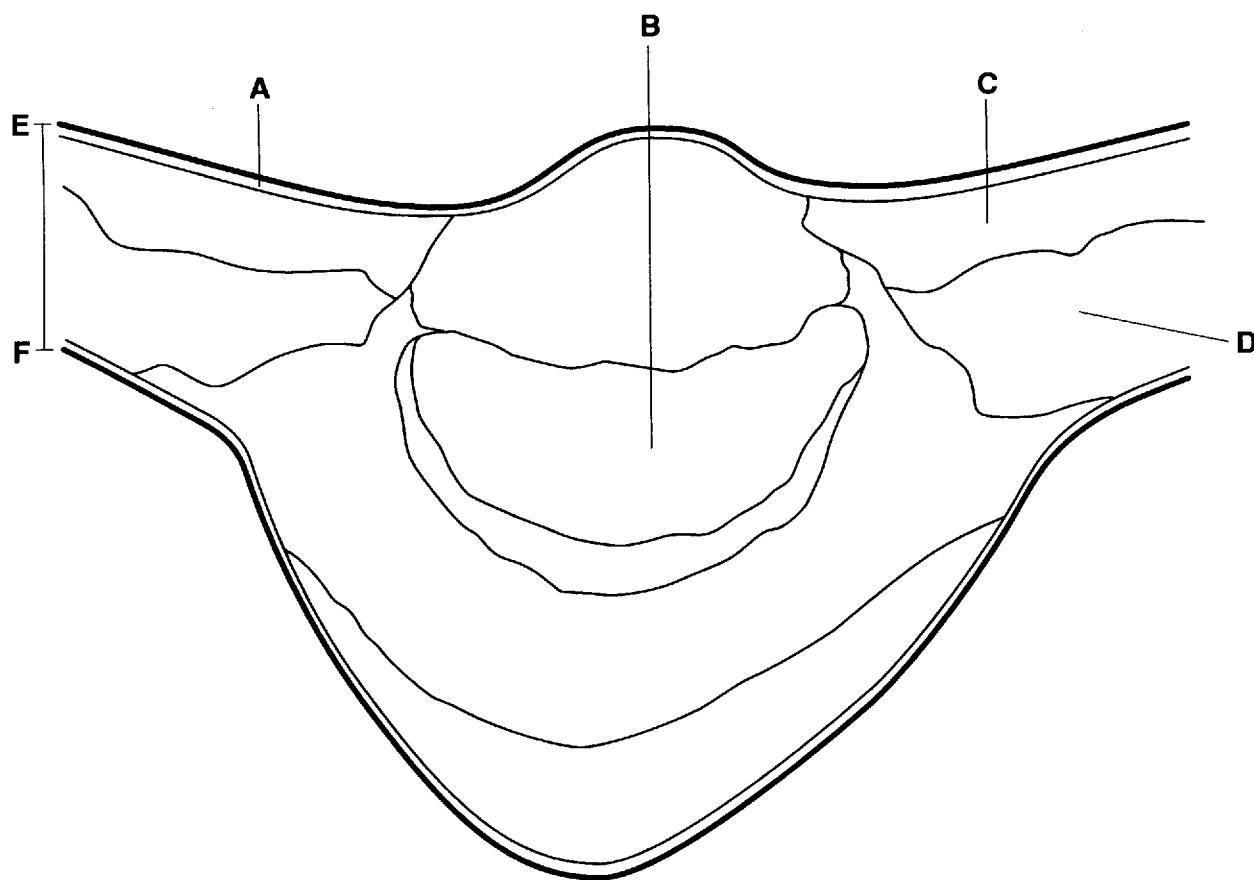


Fig. 1.1

(a) Name tissues **A** to **D**.

- A**
- B**
- C**
- D**[4]

(b) The actual thickness of the leaf along the line **EF** is 0.6 mm.

Calculate the magnification of the diagram. Show your working.

Magnification = x[2]

[Total: 6]

