MONOCOTS AND DICOTS

1 Fig. 1.1**A** shows a buttercup, *Ranunculus cymbalaria*. Fig. 1.1**B** shows details of a flower of the same plant.



Fig. 1.1

(a)	classified as a dicotyledonous plant rather than as a monocotyledonous plant.	IS
		••••
		[2]

MARKING SCHEME:

	(a)	
flower parts, in 5s / not in 3s; R 'flowers in fives' [max 2] I two cotyledons		

2	Wheat plants are monocotyledons.
	State one feature of monocotyledons that can be used to distinguish them from dicotyledons
	[1]

MARKING SCHEME:

one from:	1	
one, cotyledon / embryonic leaf / seed leaf		
oblong leaves / narrow leaves / straight leaves		
parallel-veined leaves / straight veins		
(named) flower parts in multiples of three		
fibrous roots / adventitious roots		
scattered vascular bundles in stem		
AVP;		

3	(a)	Name one feature of dicotyledonous leaves that distinguishes them from monocotyledonous leaves.
		[1]

MARKING SCHEME:

		1
(branching) veins; ora shape/broad (leaves); ora	1	I petioles