幕號: 85 系所:熱帶植物科學研究所	國立成功大學九十七	上學年度碩士班招生考試試題 科目:植物生理學	共 頁,第 頁
試題是否可以使用計算機:	□可使用 · ☑不可使用	(請命題老師勾選)	考試日期:0302, 節次:3
	e major similarities between sphorylation in the chloro	en mitochondrial oxidative phosp plast? (10 points)	horylation
often spread ra		t cells by crossing its membrane, to re plant without crossing additional 0 points)	
Provide a list o		id initial cell growth response in a hat proceed from the arrival of the ts)	- 1
4. How to isola	te plant cell cycle-regulate	ed genes? (15 points)	
	advantages and disadvant ying genes and/or protein	tages of using Arabidopsis T-DNA function? (15 points)	knock-out
		ee critical nutrients (in order)? What with and development? (15 points)	
	ation reaction in a C3 plans on reaction in a bundle sho	nt is catalyzed by the enzymeeath cell of a C4 plant is catalyzed	•

B. Phytochrome exists in two form; the __(c)___form has an absorption maximum at

660 nm, while the ___(d) __ form has peak absorbance at 730 nm.