4	Photosynthesis is a two-stage process by which plants fix carbon dioxide.	
	(a) Describe the light-dependent reactions of photosynthesis.	(5)

(b) The	products of the light-dependent reactions are used in the light-independent rea	actions.
(i) I	In which part of the chloroplast do the light-independent reactions take place?	(1)
	A envelope	(- /
\times	B granum	
⊠ (C stroma	
\times	D thylakoid	
(ii) \	What is the name of the enzyme used by plants to fix carbon dioxide?	(1)
\times	A GALPase (glyceraldehyde-3-phosphatase)	
\times	B GPase (glycerate-3-phosphatase)	
\boxtimes	C RUBISCO (ribulose bisphosphate carboxylase/oxygenase)	
\times	RuBPase (ribulose bisphosphatase)	
	Which of the following is the immediate product of the light-independent reactions of photosynthesis?	(1)
	A glucose	
× E	B GP	
× (C RuBP	
	D starch	
	(Total for Question 4 = 8 mark	cs)