Question Number	Answer	Mark
7 (a)(i)	1. line drawn correctly e.g. from pollen grain, down style to start of ovary ; 2. to micropyle (around the edge) ;	**(2)**

Question Number	Answer	Mark
7 (a) (ii)		

Labelled structure	Tick (✓) if chromosome number increases at fertilisation
A	
B	
C	
D	✔
E	✔

Comments given if more than 2 ticks and if use cross or crosses and ticks

(2)

Question Number	Answer	Mark
7 (b)(i)	1. both {increase / positive correlation / eq} ; 2. (pollen tube) length (always) {greater/ eq} when boron present / eq ; 3. idea of rate of growth greater with boron ; 4. linear without boron (for 25 / 30 hours) and not linear with boron / eq ; 5. correct comparative manipulation of the data ;	**max (3)**

Question Number	Answer	Mark
7 (b)(ii)	idea that pollen tube does grow even in the absence of boron ;	**(1)**

Question Number	Answer	Mark
7 (b)(iii)	boron {increases / speeds up / eq} rate ;	**(1)**

Question Number	Answer	Mark
7 (b)(iv)	1. more likely to reach the ovule /eq ; 2. fertilisation more likely to occur /eq ; 3. idea of fertilisation in shorter time period ;	**max (2)**