	Country Code:	Student Code:	
		MPWhwOborn_	
	15 TH A	SIAN PHYSICS OLYMPIAD 8 MAY 2014, SINGAPORE	
Question	2		
(a)			

	Country Code:	Student Co	ode:
(b)			

		Country Code: Student Code:
(c)	(i)	
	410	
	(ii)	

		Country Code: Student Code:	$\sqcup \sqcup$
(d)	(i)		
	(ii)		
		f the electron wave is a spherical wave instead of a plane wave, is ng larger, the same or smaller than the fringe spacing calculated in (
		Larger Same Smaller	

(d) (iv) (v)			Country Code: Student Code:	
(v)	(d)	(iv)		
(v)				
		(v)		