Section B

8	(a)	500, 405, 364-365, 295(...)	W2	**W1:** 2 correct
	(b)	5 points f.t. from table correct curve	P1 C1	within correct sq. through pts
	(c)	3·3 – 3·4 from **C1**	W1	If **C0/C1**, f.t. curve **or** line segments
			5	
9		101·25; i.s.w.	W2	**M1:** 13·5 **or** 7·5 (·4999 or ·499...)
			2	
10		0·51 (o.e.)	W3	**M1:** ·45, ·55, ·6, ·4 seen (o.e.) or **M2:** ·45 × ·4 **and** ·55 × ·6
			3	
11	(a)	491 to 492	W3	**M1:** sin55 = BC/600 or **M2:** BC = 600sin55 (**W2** grad 456)
	(b)	1200π (= 3768 to 3770) $\frac{70}{360}$ × 1200π **or** × 'their C'	W1 W1	2 × π × 600
	(c)	2403 to 2406	W3	**M1:** OC = 344 to 345 (grad 389 to 390) **M1:** AB + 2BC + 2OC (their figs) **A1:** 2400 from **M1** (**W3** grad 2423)
			8	
12	(a)	N... groups not exact data	W1	
	(b)	F ... 120 v 144	W1	accept area comp. accept one correct freq.
	(c)	T 120 + 144 + 40 (= 304)	W1	
			3	
13	(a)	1:50; i.s.w.	W1	
	(b)	560	W3	**M1:** (÷) 2500 **or** 50 × 50, f.t. 'their (a)' **M1:** × 10000 indept. or **W2:** 0·056
			4	
			25	

Paper Total = 50