Section B

Question	Answers	Marks	Notes
7 (a)	(0)·12	W1	allow equivalent answers
(b)	[1−(0)·3] ÷2	M1	
	(0)·35	A1	allow equivalent answers W1 figs35
		3	W2 (0)·35
8 (a)	$^{58}/340 \times 100$	M1	allow any correct method
	17 or 17·1	A1	accept 17(·05..) or 17·06
			W2 17 ,17·1, 17(·05..) or 17·06
(b)	1450 × 0·16 or 232	M1	
	1450 − their ' 232 '	M1	
	1218	A1	M2 for 1450 × 0·84
		5	W3 for 1218
			W1 for 1682
9 (a)	(AB) tangent	W1	SC1 if correct but the wrong way round
	(CD) chord	W1	
(b)	$\pi \times 16^2$	M1	
	803.8 − 804.4	A1	
	804.2 or 803.8 or 804.4	A1	W3 for 804.2 or 803.8 or 804.4
			W2 for 803.8 − 804.4
			if 0 awarded SC1 for correct rounding to 1dp
		5	of number seen or $\pi 8^2$
10 (a)	should be −6 or +6	W1	− − = +
(b)	41	W1	ignore x
		2	
11 (a)	252 ÷ 4	M1	
	63	A1	W2 for 63
			W1 for 189
(b)	any ratio equivalent to 3 : 4	M1	
	3 : 4	A1	W2 for 3 : 4 or 4:3
		4	SC1 ^{3}/4
12 (a)	360 ÷ 50 not exact	W1	angles do not add up to 360°
(b)	360 ÷ 40	M1	
	9	A1	W2 for 9
(c)	360 ÷ 3 or 120°	M1	
			allow any correct method
	two correct points	M1	
	correct figure	A1	allow ±2mm
		6	

Total for B : 25 marks
TOTAL 50