Question		on	Answer	Marks	Part marks and guidance	
6 (a)		<u> </u>	40	1	T dit mano and	
0	(a)		40	1 AO1.3a		
	/l=\		Compat na coming landing to 20.0	4	M2 for $\pi \times 1^2$	
	(b)		Correct reasoning leading to 36.9	-		
				1 AO1.3b 2 AO2.2	or M1 for $\frac{1}{2} \times \pi \times 1^2$	
				1 AO3.1b	AND	
				1 400.15	AND	
					M1 for <i>their</i> '40' $-\pi \times 1^2$	
	(c)		7.38 or better	3	M1 for 2 mm = 0.2 cm soi	
				1 AO1.3a	M1 for 36.9 × <i>their</i> '0.2' oe	
				2 AO3.1b	111 101 00.0 × 11011 0.2 00	
7	(a)		125	1		
				1 AO1.2		
	(b)		20 with correct working	4	B1 for PAB = 45	"Correct working" requires
				2 AO2.1a	B1 for BAD = 90	evidence of at least M1
				2 AO2.4a	M1 for	
					360 – (their '125' + their '90' + 125)	Alternative method
					(B1 for PAB = 45 B1 for BAC = 45
					If 0 scored, instead award	M1 for 180 – <i>their</i> 45 – 125
					SC1 for answer 20 with no working or	WIT 101 100 - their 43 - 123
					insufficient working	
8	(a)		21-5 is not an integer	2	M4 for 21-5	
			3	1 AO1.3a	M1 for $\frac{21-5}{3}$	
				1 AO2.4a	or for 20 and 23 seen	
					0. 10. 20 dila 20 00011	
	1			1		