19	(i)		45	3	B1
	(ii)		12		B1
	(iii)		28		B1
					Total 3 marks

20		9.65, 9.75, 5.85, 5.95, 2.5, 3.5		3	B1	for any one of these stated or used, accept $9.74\dot{9}$, $5.94\dot{9}$, $3.4\dot{9}$
		$\frac{9.75-5.85}{2.5}$			M1	for $\frac{\mathrm{UB}_t-\mathrm{LB}_w}{\mathrm{LB}_y}$ where $9.7 < \mathrm{UB}_t \leq 9.75$, $5.85 \leq \mathrm{LB}_w < 5.9$, $2.5 \leq \mathrm{LB}_y < 3$ This allows for the student who uses some sort of lower/upper value, but are slightly inaccurate eg using 9.74 for *t*
		Working required	1.56		A1	dep on previous marks (as working is requested)
						Total 3 marks