$\overline{}$	(10	
7	110	points'
	1 10	DOILIO

- (a) (2 pts.) What is the Taylor series about x = 0 of the function e^x ? No explanation or work required.
- (b) (8 pts.) Without computing any derivatives, find the first four nonzero terms of the Taylor series for the function $g(x) = e^{\sin x}$. Show step-by-step work.