## Math 182

November 23, 2004
Show all work for credit.

1. Determine if the series converge absolutely, converge conditionally, or diverge.
(a) $\sum_{n=0}^{\infty} \frac{(-1)^{n+1}}{n!}$
(b) $\sum_{n=1}^{\infty} e^{n}$
