

Quiz 9A

Closed book/notes. No calculators allowed.

Name:

UAlbany Email:

1. Determine whether the following series converge or diverge. Write the name of the test you used to determine convergence/divergence and explain in further detail where necessary.

(a) $\sum_{n=1}^{\infty} \frac{(-1)^n n^2}{(n+1)!}$

(b) $\sum_{n=1}^{\infty} \frac{1}{n^{1+\frac{1}{n}}}$