Apply the limit comparison test: evaluate $\frac{d(n)}{d(n)}$ with $\frac{d(n)}{d(n)} = \frac{1}{n}$ in $\frac{n^{n+1/n}}{n} = \frac{1}{n} \cdot \frac{n^{n+1/n}}{n} = \frac{$