Name: Section: 5   6   9   10

Pick TWO of the following three series and determine if they converge absolutely, converge conditionally, or diverge. Clearly state which tests you are using and justify your work.

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