

CHE 305 – Separation Processes
Spring 2010 – Quiz 4

1. Describe two advantages of a distillation column over a cascade of single equilibrium stages.
2. For a binary mixture of octane and hexane, the _____ would purify the octane, and the _____ would purify the hexane.
3. Explain the importance of using a low reflux ratio in a distillation column.
4. When would total reflux be used in the operation of a distillation column?
5. The temperature in a distillation column is warmest at the bottom. Explain.