

Unit 28. Pre-Class Quiz Questions

1. True or false? A commodity chemical is one for which the market is relatively small, the price is high, and which is usually produced in relatively small quantities.
2. Select the factors that might influence the selection of a particular reactor type for a given reaction (choose all that apply)
 - a. safety
 - b. altitude
 - c. ease of operation
 - d. collective bargaining agreements
 - e. practicality
3. True or false? The complete mixing associated with a CSTR typically offers an advantage when operated adiabatically for an exothermic reaction.
4. True or false? When processing a typical single reaction isothermally, the volume of a CSTR required to achieve a specified conversion is larger than that of a PFR.
5. True or false? Batch reactors are often suitable for the production of specialty chemicals.