

Unit 20. Pre-Class Quiz Questions

1. True or false? The optimization of a batch reactor process must consider things like reactor turnaround in addition to the actual reaction stages.
2. Which of the following might be used as criteria during the optimization of a batch reactor process (choose all that apply)
 - a. regulatory compliance
 - b. safety
 - c. process operability
 - d. return on investment
 - e. market demand for the product
3. True or false? For every batch reaction process, there is one set of optimal operating parameters.
4. Which of the following specialties might be members of a process design optimization team (choose all that apply)
 - a. engineering
 - b. marketing
 - c. transportation
 - d. safety
 - e. drilling
5. True or false? The initial values of the dependent variables in the second step of a batch reactor operating protocol are equal to the final values of those same variables in the third step of the protocol.