# Sample Assessment

a. What is the difference between CPU time and Wall clock time, and when would you use one over the other for measuring application's performance?
b. When measuring performance of a multi-process application, how would you measure overall performance, or which process performance matters more than other for overall performance of the application.
c. Provide examples of real life scientific applications that could be used for strong scaling vs weak scaling.
d. How does blocking vs. non-blocking modes of MPI affect the performance of applications?