

1. How is wall clock time defined for a parallel execution?
2. flops stands for floating point operations per second. Suppose that on the same input, one parallel formulation of a problem runs at 20 Gflops, while a second formulation runs at 24 Gflops. Which is better? Explain.
3. Write an expression for the (time) overhead of a parallel execution.
4. True or False: When computing speedup for a problem, we can consider any serial algorithm as the baseline.
5. True or False: You can never get speedup higher than p when using p processors.
6. Define parallel efficiency.
7. State Amdahl's Law.
8. What is a cost-optimal parallel system?
9. Explain memory constrained speedup.
10. Explain time constrained speedup.