Answers to Guide 14

* Software Evolution:
  + What is software evolution?
  + Is the concept of software evolution compatible with agile methods?
  + What are the four types of software maintenance?
  + Be generally familiar with Lehman’s laws of software evolution, particularly numbers 1 & 5-7
* UML – Deployment Diagrams:
  + Is this diagram type a structural or behavioral diagram?
  + What are the basic building blocks of a deployment diagram, that is, what do the nodes and arcs represent?
  + Does it make sense to label an arc? If so, what would such a label specify? If not, why not?
* An interview with Fred Brooks: Quoted Often, Followed Rarely:
  + Does Brooks’ Law apply only to software development?
  + What advice does he have for young software managers? Is it more traditional or more agile?
  + How does Brooks view open-source development?