

Week 5 Quiz - Chapters 8, 9, and 10

1. Consider the programmers resource histogram presented in Figure 8-3. If only six programmers are available to support this project, which of the following conclusions is valid?
 - a. The current schedule is feasible.
 - b. The demand for programmers during weeks five and six exceeds the number available.
 - c. The demand for programmers during weeks six through ten exceeds the number available.
 - d. There is an excess capacity of programmers throughout the duration of this project.
2. Consider the programmers resource histogram presented in Figure 8-3. How many programmers are required during the fifth week of this project?
 - a. 7 programmers
 - b. 2 programmers
 - c. 6 programmers
 - d. 4 programmers
3. Critical Chain Project Management (CCPM) attempts to keep the most highly demanded resource busy on critical chain activities, but not overloaded.
 - a. True
 - b. False
4. Even when a project team does *not* identify individual activities, it will still need to determine how many resources and what knowledge and skill each needs to complete the project.
 - a. True
 - b. False
5. The components (principles) of Critical Chain Project Management include which of the following?
 - a. Add a comfortable buffer to every project activity
 - b. Estimate activity durations
 - c. Avoid multi-tasking.
 - d. Adhere strictly to completion deadlines - rather than finishing early or late.
6. Which estimating technique decomposes the work into lower, more detailed pieces, preferably the lowest level of WBS work elements, for which estimates are prepared and then aggregates them into a total quantity for the project?
 - a. piece meal pricing
 - b. grass roots estimating
 - c. decomposition
 - d. bottom-up estimating
7. Most projects will employ bottom-up estimating at some point to serve as a basis for estimating cash flow needs and for controlling the project.
 - a. True