Chapter 6  “Project Time and Cost Planning”

6.1 Essay Questions

1) List the processes of the Time Management knowledge area of PMBOK.
   Answer: Page 164

2) List and describe the three possible types of dependencies between any two activities.
   Answer: Page 165

3) What is PERT and how is it used?
   Answer: Page 182

4) Explain Arrow Diagramming Method (ADM) or Activity-on-Arrow Network Diagram. Provide a simple example.
   Answer: PPT slides

5) Explain Precedence Diagramming Method (PDM). Provide a simple example.
   Answer: PPT slides

6) Explain Critical Path Method (CPM) and how is it used?
   Answer: Page 183

7) Explain how ES, EF, LS, and LF are calculated in CPM.
   Answer: Page 183

8) Explain main Resource Estimation approaches.
   Answer: PPT slides

9) Explain the following Activity Duration Estimation Methods: Task-Sizing Methods (LOC-based, and FP-based).
   Answer: PPT slides
10) Explain the following Activity Duration Estimation Method: Three-Point Estimation Method.

Answer: PPT slides

11) Explain the following Activity Duration Estimation Methods: COCOMO Model-based and Empirical Methods

Answer: PPT slides