**Assignments**

**Assignment 1**

Q1: What is Project management?

Q2: What is the objectives and Principles of Project Management?

Q3: Write Project management Life Cycle in detail.

Q4: What are the various stages of project management?

Q5: Explain various characteristics of project Management?

Q6: What are the basic steps of Project Planning?

Q7: What are the various factors that should be taken care of while doing project Planning?

Q8: How risk management is done in Projects?

Q9: What type of risks occurs in project management?

Q10: Demonstrate the motivation behind your projects.

Q11: Distinguish between highly probable risks, extremely serious risks and highly vulnerable areas in risk management.

**Assignment 2**

Q1: How cost estimation of projects is done?

Q2: What is the difference between Bottom-up and top down approach for cost estimation?

Q3: What is the need of budget estimation of projects?

Q4: Write down the essential tools of cost estimation of projects.

Q5: Write the flow chart of budgeting and costing.

Q6: Explain the following charts in detail:

1. Gantt Chart
2. PERT Chart
3. CPM Model
4. Goldratt’s CCPM
5. WBS

Q7: What is the logic in charging administrative costs based on total time to project completion?

Q8: How does tracking signal improves budget estimates?

**Assignment 3**

Q1: Discuss the concept of resource Scheduling.

Q2: Which one is more beneficial : Resource Scheduling and Time Scheduling.

Q3: Explain steps of Resource loading.

Q4: Discuss various steps of resource levelling.

Q5: How is resource allocation important. Discuss in detail.

Q6: What is critical Path method of resource allocation?

Q7: What do you mean by the term “Student Syndrome”?

Q8: Given the fact that a project resource requirements are clearly spelled out in the project’s action plan, why are PM so concerned with resource allocation.

Q9: List as many things as you can think of should be entered into a specific resource’s calendar.

Q10: Write down the key points taken care of for estimation of project time.

Q11: Why time management is so important in Project management ?

**Assignment 4**

Q1: What is Plan Monitor Control Cycle?

Q2: Explain various formats used to manage the collected data.

Q3: Write down the key points taken care of for disgning the control system.

Q4: Why time management is so important in Project management ?

Q5: Propose design of Monitoring System.

Q6: Define the terms :

1. Earned Value Analysis
2. Information Collection and Analysis

Q7: Discuss various types of control system.

Q8: Write down the tools of Control system.

Q9: The monitoring system is the direct connection between project planning and control. Why is this true?