

PROJECT MANAGEMENT (ILO)

Module 1 Project Management Foundation

Section I		
1	Define Project	Short Questions
2	Define Project Management	
3	Define Operations	
Section II		
1	Difference Between Project Vs Operations	Descriptive Questions
2	What is Project Management? State its importance.	
3	Explain the Scope of Project Management.	
4	What are Triple Constraints?	
5	Explain Project Management Life Cycle. Describe the typical Life cycles phases.	
6	Describe atypical project life cycle along with its phases.	
7	What is stage Gate process? Describe its stages.	
8	Describe the role and responsibility of a Project Manager.	
9	Write short note on PMI.	
10	Describe the knowledge areas as recommended by PMI.	
11	Describe Conflicts and its causes. Explain ways to handle conflict.	
12	What is organizational structure? Describe its importance for a project.	
13	Explain Functional & Project Structure.	
14	Explain Matrix structure.	
15	What is Negotiation? Explain Process of Negotiation	
16	Explain the causes of conflicts and ways of resolve conflicts.	

Module 2 Initiating Project

Section I		
1	Define Project Initiation	Short Questions
2	Explain NPV	
3	Explain Project Charter	
4	Explain team Dynamics	
Section II		
1.	State the importance of project Initiation phase	Descriptive Questions
2.	Describe Project Initiation Process	
3.	Describe some of the techniques used for strategic selection of Project	
4.	Describe any four non-numerical Project selection models	
5.	Write a short note on Payback period	
6	Write a short note on break even analysis	
7.	What cost benefit analysis? What is its usage?	
8.	Describe Project Portfolio Process	
9.	What is a Project sponsor? Describe its functions	
10.	What is Project Charter? Describe its benefits & use.	
11.	What is Project proposal? How do we write a project proposal?	
12	What is a Project team?	
13	State the key members of Project team and their roles.	
14	Describe the role and responsibilities of a Project team	
15	Describe the technique of building an effective project team	
16	Describe the project team development	

Module 3 Project Planning & Scheduling

Module 4 Planning Projects

Section I		
1	Define Resource Allocation	Short Questions
2	Define Resource smoothening	
3	Define Crashing	
4	Explain Project Buffer	
5	Explain Risk Register.	
Section II		
1.	Describe Resource Allocation. What are its benefits	Descriptive Questions
2.	Describe Resource Optimization. What are its benefits	
3.	Describe Network crashing. Why it is done.	
4.	Describe the step by step procedure of crashing a network	
5.	Write a short note on resource loading.	
6	What is resource levelling? Why it is done?	
7.	Describe critical chain method	
8.	Describe the process of critical chain method	
9.	What is a project buffer? what are its types	
10.	Describe the critical chain scheduling method	
11.	Write a short note on stakeholders in project.	
12	Suggest some of the ways of managing the stakeholders	
13	What is project communication plan?	
14	Describe the process of project communication planning.	
15	Describe Risk Management in project	
16	Describe in brief the processes of Risk management	
17	Describe the Risk identification. Identify some of its essentials	
18	Explain Risk Register. What are its contents?	
19	Describe Qualitative risk management analysis	
20	Describe any four methods of Qualitative Risk management analysis	
21	Describe Quantitative risk management analysis	
22	Describe any four methods of Quantitative Risk management analysis	
23	Describe probability and Impact matrix.	
24	Describe the steps to prepare a probability and Impact matrix.	
25	Explain the negative risk response strategies	
26	Explain the positive risk response strategies	

1	Describe Project Monitoring and Controlling Process.	Short Questions
2	Write Advantages of Project Monitoring.	
3	Write a note on Stakeholder Engagement.	
4	Write a note on Stakeholder Engagement.	
5	Describe the ways to engage Stakeholders.	
6	What is a Project Communication?	
7	How can you manage Project Communications?	
8	What is the significant of Milestones in Project Management?	
9	What are ways to use Milestone significantly?	
10	Write note on Project Audit.	
Section II		
1	Describe Project Monitoring and Controlling Process.	Descriptive Questions
2	What is information need of Project? Describe its Objectives.	
3	Explain reporting of the information. Describe any four types of Report.	
4	Explain reporting of the information. Describe any four types of Report.	
5	Explain Team Management. Write its characteristic.	
6	What is a Project Meeting? Explain its planning steps.	
7	Describe the Earned value method.	
8	Write a note on Change request. Write the steps to managing Change request.	
9	What is a Scope creep? Describe some of its causes.	
10	Describe the ways to avoid Scope creep in projects.	
11	Write steps to prepare for Project Audit.	
12	What are the phases of Project Audit?	
13	Describe Project Procurement Management. What are its types?	
14	What is Project Contracting? Describe the types of Contracts.	
15	Describe Project Out Sourcing. Write its advantages and disadvantages.	
16	A consulting project has an actual cost in the 10 th month of Rs. 23000, schedule cost Rs. 17000 and value of completed work of Rs. 20000. Find schedule and cost variance. Also SPI, CPI, CSI	
17	A software development project at day 30 exhibits an actual cost of Rs. 87000 and the schedule cost of Rs. 81000. The software manager estimates a value of completed work of Rs. 90000. What are the cost and schedule variance and CSI? Estimate the time variance assuming linear relation between time and cost.	

Module – 6

Section I		
1	Define the Leadership. Describe the role of Leadership in Project Management.	Short Questions
2	What is customer acceptance?	
3	Describe the process of getting customer acceptance.	
4	How can we avoid negative consequence of Project Terminations?	
5	Describe completing final Report.	
6	Describe Lesson Learned Analysis.	
7	Explain the process of Lesson Learned Analysis.	
8	How can we manage Project without Authority?	
Section II		
1	Explain different types of Leadership.	Descriptive Questions
2	Describe Project Ethics. Describe code of Ethics for PM professionals.	
3	What is a Virtual Project? How a Virtual Project Management works.	
4	Describe the benefits and challenges in Virtual Project Management.	
5	What is Project Termination? Describe the various reasons.	
6	Describe various types of Project Terminations.	
7	How improvement is to be acknowledge failure and success of Project?	
8	What are the ways to acknowledge Success?	
9	Describe Project Management Templates and its usage.	
10	Describe the types of Project Management Templates used.	
11	Describe some of the areas that can be studied in Project Management in future.	