

Project Management Importance

Module 1 : Project Management Foundation

- Role of Project Manager [SN]
- Triple constraints in project management [SN]
- What is Organization structure ? Describe its importance for a project | Differentiate between the Functional, Pure Project and Matrix Organization
- Explain Project Stage gate Process of managing project life cycle ? Explain how it helps top management in Keeping Project on Track.

Module 2 : Initiating Projects

- Explain the four stages of team development and growth? What are the advantages of an effective team? What are barriers to team effectiveness ? [V.IMP]
- What are the non numeric models of project selection? Explain any four in details
 [V.IMP]
- What is a Project portfolio process ? Explain different steps involved in this ? [V.IMP]

Module 3 : Project Planning and Scheduling

- Explain and differentiate Top down and bottom up Budgeting/estimation in Project Planning ? [V.IMP]
- Work breakdown structure (WBS)? [SN] [V.IMP]
- Concurrent Engineering [SN] [V.IMP]
- Explain various project estimation and scheduling techniques
- Project management information system [SN]
- Draw project Network diagram of a given Data [Sum]

Module 4 : Planning Projects

- Risk management [SN] [V.IMP]
- What are the risk response strategies for negative risks (threats) and positive risks (opportunities) [V.IMP]
- Explain the Goldratt's critical chain method? [SN] [V.IMP]

Module 5 : Executing, Monitoring and Controlling Projects

- Draw an Earned value chart and describe the three variances of it and explain their significance. [V.IMP]
- How a Project is Monitored and Controlled for project execution [V.IMP]
- A software development project at day 30 exhibits an actual cost of Rs.87,000/- and the scheduled cost of Rs. 81,000/-. The software manager estimates a value of completed work of Rs. 90,000/-. What are the cost and schedule variances and CSI?
 Find schedule and cost variance also find SPI and CPI [Sum] [V.IMP]
 [Note : Exactly the same sum won't come but a similar type of sum can be asked.]
- Write Short Note on Project Audit ? What are responsibilities of project auditor? How do project audit recommendations help the project?
- Who are the stakeholders in project? Why communication is most important part of a project manager's job?

Module 6 : 1 Project Leadership and Ethics and Closing the Project

- List and briefly describe the ways projects may be terminated. What are some non technical reason for project termination? [V.IMP]
- Explain project management template with sample sheet [V.IMP]
- What are the different ways of closing a project [V.IMP]

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