VIVA INSTITUTE OF TECHNOLOGY

SPM MODULEWISE QUESTION BANK

Sr.No.	Modules	Questions
Module 1.	**An Overview of Software Project Management**	1. What is project? Explain Information Technology projects with suitable examples. 2. How we can improve IT project success? 3. Explain the roles of project manager. 4. What is project management? Explain the Project management framework with a suitable diagram. 5. What is leadership? Explain different styles of leadership in project. 6. Explain five practices of Exemplary Leadership.
Module 2.	**Software Process Models**	1. Explain the project phases in the project life cycle with a suitable diagram. 2. What are the different process models? Explain any one in detail. 3. Explain waterfall model with their advantages and disadvantages? 4. Explain prototyping model with suitable diagram. 5. Explain spiral model with their phases and suitable diagram. Also write advantages and disadvantages. 6. Explain the iterative model with a suitable diagram. 7. Explain any one agile model with a suitable diagram. 8. Short Note on Extreme programming 9. Short Note on Scrum 10. Short note on User Stories. 11. Describe Lean Model. 12. Short note on three pillars of empiricism 13. Explain DevOps Model with suitable diagram. 14. Short note on 7 Cs of DevOps Model.
Module 3.	**Software Requirement Analysis and Design**	1. What are requirements? Explain their different types. 2. Explain the feasibility study in detail. 3. What is Requirement Elicitation? What are the different Requirement Elicitation techniques? 4. Short note on Brainstorming. 5. Short note on Facilitated Application Specification Technique (FAST) 6. What is DFD? Explain their important notations with suitable example. 7. What is SRS? Explain characteristics of good SRS. 8. What is data dictionary? 9. What is UML? Why we need UML? 10. Explain the Use Case Diagram with notations. 11. Draw Class diagram by considering any one system. 12. Draw activity diagram for any one system.