

NP University, Lovely!!!

Q1. Answer the following questions. (Any three) Marks 15

What is software project management? Why is it important?  
What are some ways of categorizing software projects?  
What is risk evaluation and how is it performed in software project management?  
What is programme management and how is it different from project management?  
How is the project scope and objectives identified in step 1 of project planning?  
What are the different activities involved in step 4 of project planning and why are they important?

Q2. Answer the following questions. (Any three) Marks 15

What are the different approaches to software project management? Explain their advantages and disadvantages.  
What is the Waterfall model? Explain its phases and limitations.  
What is the Spiral model? Explain its advantages and disadvantages.  
What is incremental delivery? Explain its advantages and disadvantages.  
What is Scrum methodology? Explain its principles and benefits.  
What is Extreme Programming (XP)? Explain its principles and benefits.  
What is Lean Software Development? Explain its principles and benefits.

Q3. Answer the following questions. (Any three) Marks 15

Explain the concepts of sequencing and scheduling activities in software project management.  
What is a network model? Explain its importance in software project management.  
What is Risk Management? Explain its importance in software project management.  
Explain the process of risk identification, assessment, planning, and management in software project management.  
What is resource allocation in software project management? Why is it important?  
How are resource requirements identified and scheduled in software project management?

Q4. Answer the following questions. (Any three) Marks 15

What is monitoring and control in software project management? Why is it important?  
Explain the framework for monitoring and control in software project management.  
What are the steps to get a project back on target in software project management?  
What is change control in software project management? Why is it important?  
What is software configuration management and how is it used in software project management?  
How do you manage software contracts in a software project? Explain with examples.

Q5. Answer the following questions. (Any three) Marks 15

What are the different team structures used in software project management? Explain their advantages and disadvantages.  
What is coordination in software project management? Explain its importance and challenges.  
What is software quality and why is it important in software project management?  
What are the different reasons for project closure? Explain each reason.  
What is the project closure process? Explain its steps and challenges.  
What is a project closeout report? Explain its purpose and components.