

Chapter 6: Software Project Model Multiple Choice Questions

1. A software project generally has:
 - a. No specific goal
 - b. A defined objective, time and resources
 - c. Unlimited time and budget
 - d. Only one programmer
2. The software development process helps developers to:
 - a. Develop software in a systematic way
 - b. Increase hardware capacity
 - c. Remove operating system
 - d. Replace programming languages
3. SDLC stands for:
 - a. System Design Level Control
 - b. Software Development Life Cycle
 - c. Software Data Logic Control
 - d. System Development Logic Cycle
4. Which phase of SDLC involves studying the current system and identifying user requirements?
 - a. Requirement analysis
 - b. Testing
 - c. Coding
 - d. Maintenance
5. Which phase of SDLC transforms system design into actual program code?
 - a. Design
 - b. Coding
 - c. Testing
 - d. Planning
6. The phase that checks whether the software works correctly is:
 - a. Testing phase
 - b. Coding phase
 - c. Requirement phase
 - d. Maintenance phase
7. A system analyst mainly performs which of the following tasks?
 - a. Writing program codes
 - b. Analyzing system requirements and designing solutions
 - c. Installing printers
 - d. Managing internet connection
8. A software engineer mainly focuses on:
 - a. Developing and implementing software systems
 - b. Hardware repair
 - c. Office management
 - d. Database printing
9. Which of the following is a requirement collection method?
 - a. Interview
 - b. Observation
 - c. Questionnaire
 - d. All of the above
10. In system design, developers decide:
 - a. Marketing strategy
 - b. Salary of programmers
 - c. Structure and components of the system
 - d. Internet bandwidth
11. Software quality means:
 - a. Software should look attractive
 - b. Software should meet user requirements and work reliably
 - c. Software must be large in size
 - d. Software should use more memory
12. In the Waterfall model, development phases are:
 - a. Performed sequentially step by step
 - b. Performed randomly
 - c. Ignored completely
 - d. Done only once
13. Prototype model mainly involves:
 - a. Developing a sample version of the system first
 - b. Completing the entire system at once
 - c. Avoiding user feedback
 - d. Skipping requirement analysis
14. Agile model encourages:
 - a. Continuous improvement and user feedback
 - b. No testing
 - c. No communication with users
 - d. Only one final delivery
15. Which software development model is more flexible when requirements change frequently?
 - a. Waterfall Model
 - b. Linear Model
 - c. Agile Model
 - d. Sequential Model