

23 Lecture - CS504

Important Mcqs

Q: What do architectural views represent in software and system architecture? a) Implementation details of the system. b) Different perspectives or abstractions of the architecture. c) The hardware components used in the system. d) User interfaces and user interactions. **Solution: b) Different perspectives or abstractions of the architecture.**

Q: What is the primary purpose of using architectural views? a) To represent the code structure of the software. b) To visualize the hardware configuration of the system. c) To provide different views for different stakeholders. d) To depict the test cases and test scenarios. **Solution: c) To provide different views for different stakeholders.**

Q: Which architectural view focuses on the interactions and relationships between system components? a) Functional view b) Behavioral view c) Structural view d) Deployment view **Solution: c) Structural view**

Q: What does the behavioral view in architectural views depict? a) The static structure of the system. b) The interactions and dynamic behavior of system components. c) The hardware and network configuration of the system. d) The distribution of software components across nodes. **Solution: b) The interactions and dynamic behavior of system components.**

Q: Which architectural view emphasizes the system's functionalities and use cases? a) Functional view b) Deployment view c) Behavioral view d) Development view **Solution: a) Functional view**

Q: What is the purpose of using multiple architectural views in system design? a) To confuse stakeholders with multiple perspectives. b) To avoid considering all system aspects simultaneously. c) To ensure that all stakeholders' concerns are addressed. d) To reduce the complexity of the system design process. **Solution: c) To ensure that all stakeholders' concerns are addressed.**

Q: In which architectural view, do you define the software modules and their relationships? a) Behavioral view b) Deployment view c) Development view d) Functional view **Solution: c) Development view**

Q: What does the deployment view in architectural views focus on? a) The interactions between system components. b) The distribution of software components across hardware nodes. c) The software modules and their interconnections. d) The use cases and functionalities of the system. **Solution: b) The distribution of software components across hardware nodes.**

Q: Which architectural view provides insights into the system's performance and scalability? a) Behavioral view b) Structural view c) Deployment view d) Functional view **Solution: c) Deployment view**

Q: How do architectural views contribute to system development? a) By prioritizing stakeholders' needs. b) By focusing on aesthetics and visual appeal. c) By aligning with the latest technology trends. d) By providing a clear and comprehensive understanding of the system's different aspects. **Solution: d) By providing a clear and comprehensive understanding of the system's different aspects.**