

1 Lecture - CS504

Important Mcqs

What is software engineering? a) Developing software without following any process b) Applying engineering principles to software development c) Designing hardware systems d) Managing software maintenance only **Answer: b) Applying engineering principles to software development**

Which of the following is not a software development process model? a) Waterfall model b) Agile model c) Spiral model d) Parallel model **Answer: d) Parallel model**

What is the purpose of requirements engineering? a) To design the software architecture b) To analyze and document user requirements c) To write the source code d) To perform software testing **Answer: b) To analyze and document user requirements**

What is the main goal of software testing? a) To eliminate all bugs from the software b) To ensure the software meets user requirements c) To write test cases for documentation purposes d) To verify the software development process **Answer: b) To ensure the software meets user requirements**

Which type of software maintenance involves fixing bugs and errors in the software? a) Corrective maintenance b) Adaptive maintenance c) Perfective maintenance d) Preventive maintenance **Answer: a) Corrective maintenance**

What is the purpose of a software development life cycle (SDLC)? a) To manage software projects b) To document software requirements c) To plan software testing activities d) To provide a structured approach to software development **Answer: d) To provide a structured approach to software development**

What does the acronym 'CI/CD' stand for in software engineering? a) Continuous Integration/Continuous Deployment b) Complete Installation/Complete Deployment c) Continuous Improvement/Continuous Deployment d) Complete Integration/Complete Deployment **Answer: a) Continuous Integration/Continuous Deployment**

Which software engineering approach focuses on breaking a large software system into smaller, manageable modules? a) Waterfall model **What is software engineering?** a) Developing software without following any process b) Applying engineering principles to software development c) Designing hardware systems d) Managing software maintenance only **Answer: b) Applying engineering principles to software development** **Which of the following is not a software development process model?** a) Waterfall model b) Agile model c) Spiral model d) Parallel model **Answer: d) Parallel model** **What is the purpose of requirements engineering?** a) To design the software architecture b) To analyze and document user requirements c) To write the source code d) To perform software testing **Answer: b) To analyze and document user requirements**