

# 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**