2 Lecture - CS504

Important Mcqs

Which of the following is not a programming language? a) Python b) HTML c) SQL d) CSS Solution: d) CSS What does IDE stand for in software development? a) Integrated Development Environment b) Interactive Development Environment c) Intelligent Design Environment d) Integrated Design Environment Solution: a) Integrated Development **Environment** Which programming paradigm focuses on "objects" that encapsulate data and behavior? a) Procedural programming b) Functional programming c) Object-oriented programming d) Logical programming Solution: c) Object-oriented programming Which of the following is a version control system? a) Git b) Java c) MySQL d) Linux Solution: a) Git What does API stand for in software development? a) Application Program Interface b) Automated Programming Interface c) Advanced Programming Interface d) Application Programming Interface Solution: d) Application Programming Interface Which phase of the software development **life cycle involves identifying user requirements?** a) Design b) Implementation c) Testing d) Requirements gathering Solution: d) Requirements gathering Which of the following is a popular agile software development methodology? a) Waterfall b) Scrum c) Spiral d) RAD (Rapid Application Development) Solution: b) Scrum Which programming language is widely used for developing Android applications? a) Swift b) C++ c) Java d) Ruby Solution: c) Java What is the purpose of unit testing in software development? a) To test the entire system's functionality b) To validate user requirements c) To test individual units of code d) To perform performance testing Solution: c) To test individual units of code Which software development approach emphasizes the early delivery of working software? a) Waterfall b) Agile c) RAD (Rapid Application Development) d) Spiral Solution: b) Agile