Computer Science Ics Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	What is the purpose of project planing.	A. To ignore user needs B. To define goals, roles, and timelines C. To skip D. To reduce team size
2	What soes an activity diagram illustrate.	A. System architecture B. Flow of activities is a process C. Code structure D. Data Base Scheme
3	Whcih activity happens during the Execution phase.	A. Gathering requirements B. Writing code and building software C. Planning timeline D. Testing software
4	Whcih SDLC phase creates visual models of the system.	A. Design B. Requirement C. Coding D. Testing
5	Which design pattrn allows inerchangeable algorithms at runtime	A. Singleton B. Strategy C. Factory D. Observer
6	Which of the following is a web development of framework.	A. Java B. Python C. Django D. MySQL
7	Which of the following is a quality assurqnce activity.	A. Coding B. Code review and testing C. Marketing D. Hiring
8	Which tpe of testing checks individual componets of software.	A. Integration Testing B. System Testing C. Unit Testing D. Acceptance testing
9	Which model supports iteratie development.	A. Water fall B. Agile C. V model D. None of the above
10	What is the first step in risk management.	A. Analyzing impact B. Monitoring risks C. Identifying risks D. Mitigating risks
11	Which of the following is a code editor.	A. GCC B. GDB C. VS code D. Python
12	Which of the following is NOT pat of a SDLC.	A. Marketing B. Requirement gathering C. Coding D. Testing
13	Which phawe of SDLC involves understanding user needs and experctations.	A. Design B. Requiremnt gthering C. Testing D. Deployment
14	Which testing check the entire system as a whole.	A. Unit Testing B. System Testing C. Integration Testing D. Dubugging
		A. The system should be fast

15	Which of the following is a functional requirement	B. The system should be scalable C. The system shol eb secure D. The system should allow user login
16	What is the purpose of a sequene Diagram.	A. Show data flow B. Model work flows C. Show object interactions D. Define system limits
17	Which model works well for small projects with fixed requirements.	A. Agile B. Waterfall C. Spiral D. Devops
18	Which design pattn provides a way to create objects without exposing logic.	A. Factory B. Singleton C. Observer D. Strategy
19	Who usually perform Acceptance Testing	A. Developers B. Testers C. End Users D. Managers
20	Which of he following is a key practice in Agile	A. Continoous integration B. Sequential planning C. Fixed scope D. No feedback loops