Computer Science Ics Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	Whcih SDLC phae includes continuous updates and bug fixes	A. Design B. Development C. Maintenance D. Requiremetne Gathering
2	Which of the following is a code editor.	A. GCC B. GDB C. VS code D. Python
3	Which of the following helps in managing large scale software projects.	A. Frameworks B. Methodologies C. Tools D. All of the above
4	Why is the Waterfall model not suitable for dynamic projects.	A. it requries too many resources B. It follows a rigid, linear approach C. It lacks documentation D. It is outdated
5	Which of the following is a functional requirement	A. The system should be fast B. The system should be scalable C. The system shol eb secure D. The system should allow user login
6	What si the role of UML in software development	A. Visualizing systme design B. Writing code C. Managing eam communciatio D. Depolying software,
7	Which of the following is a quality assurqnce activity.	A. Coding B. Code review and testing C. Marketing D. Hiring
8	What is the main goal of sofware development?	A. Design hardware B. Creae task specific programs C. Manage detabases D. Develop marketing plans
9	Which of the following is a web development of framework.	A. Java B. Python C. Django D. MySQL
10	What is the role of UML in software develooment.	A. Writing code B. Visualizing system design C. Managing team communication D. Deploying software
11	Whcih activity happens during the Execution phase.	A. Gathering requirements B. Writing code and building software C. Planning timeline D. Testing software
12	What is an IDE?	A. A code writer B. Tools in one interface C. Testing framework D. Deployment tool
13	Which platform is communly used for version control.	A. Github B. Visual studio C. My SQL D. Notepad++

14	Which design pattrn allows inerchangeable algorithms at runtime	A. Singleton B. Strategy C. Factory D. Observer
15	Which IDE is commonly used for python development.	A. Notepad++ B. PyCharm C. Visual Studio D. GDB
16	What is themain disadvantages of the Waterfall model.	A. Lack of flexibility B. High cost C. Poor documentation D. Slow development
17	Which design pattern helps notiy multiple object about changes in one object	A. Observer B. Factory C. Strategy D. Singleton
18	Which methodology emphasizes customer collaboration and responding to change.	A. Waterfall B. Agile C. V-model D. RAD
19	In angile methodoloyg, work is divided into shrt cycles called.	A. Sprints B. Modules C. Stages D. Phases
20	Who usually perform Acceptance Testing	A. Developers B. Testers C. End Users D. Managers