

## Computer Science Ics Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	Which model supports iterative development.	<p>A. &lt;p&gt;Water fall&lt;/p&gt;            B. &lt;p&gt;Agile&lt;/p&gt;            C. &lt;p&gt;V model&lt;/p&gt;            D. &lt;p&gt;None of the above&lt;/p&gt;</p>
2	Which of the following is an online computing platform.	<p>A. &lt;p&gt;Visual Studio&lt;/p&gt;            B. &lt;p&gt;Repl .it&lt;/p&gt;            C. &lt;p&gt;Py Charm&lt;/p&gt;            D. &lt;p&gt;Eclipse&lt;/p&gt;</p>
3	What is the purpose for the Design phase in SDLC.	<p>A. &lt;p&gt;To write code&lt;/p&gt;            B. &lt;p&gt;To gather user feedback&lt;/p&gt;            C. &lt;p&gt;To create a blueprint of the system&lt;/p&gt;            D. &lt;p&gt;To test the software&lt;/p&gt;</p>
4	Which IDE is commonly used for python development.	<p>A. &lt;p&gt;Notepad++&lt;/p&gt;            B. &lt;p&gt;PyCharm&lt;/p&gt;            C. &lt;p&gt;Visual Studio&lt;/p&gt;            D. &lt;p&gt;GDB&lt;/p&gt;</p>
5	Which platform is commonly used for version control.	<p>A. &lt;p&gt;Github&lt;/p&gt;            B. &lt;p&gt;Visual studio&lt;/p&gt;            C. &lt;p&gt;My SQL&lt;/p&gt;            D. &lt;p&gt;Notepad++&lt;/p&gt;</p>
6	Which model works well for small projects with fixed requirements.	<p>A. &lt;p&gt;Agile&lt;/p&gt;            B. &lt;p&gt;Waterfall&lt;/p&gt;            C. &lt;p&gt;Spiral&lt;/p&gt;            D. &lt;p&gt;Devops&lt;/p&gt;</p>
7	What is the main goal of software development?	<p>A. &lt;p&gt;Design hardware&lt;/p&gt;            B. &lt;p&gt;Create task specific programs&lt;/p&gt;            C. &lt;p&gt;Manage databases&lt;/p&gt;            D. &lt;p&gt;Develop marketing plans&lt;/p&gt;</p>
8	Which phase of SDLC involves understanding user needs and expectations.	<p>A. &lt;p&gt;Design&lt;/p&gt;            B. &lt;p&gt;Requirement gathering&lt;/p&gt;            C. &lt;p&gt;Testing&lt;/p&gt;            D. &lt;p&gt;Deployment&lt;/p&gt;</p>
9	Which SDLC phase involves installing the software for users.	<p>A. &lt;p&gt;Testing&lt;/p&gt;            B. &lt;p&gt;Coding&lt;/p&gt;            C. &lt;p&gt;Deployment&lt;/p&gt;            D. &lt;p&gt;Maintenance&lt;/p&gt;</p>
10	Which of the following is a functional requirement	<p>A. &lt;p&gt;The system should be fast&lt;/p&gt;            B. &lt;p&gt;The system should be scalable&lt;/p&gt;            C. &lt;p&gt;The system should be secure&lt;/p&gt;            D. &lt;p&gt;The system should allow user login&lt;/p&gt;</p>
11	Which of the following is a web development framework.	<p>A. &lt;p&gt;Java&lt;/p&gt;            B. &lt;p&gt;Python&lt;/p&gt;            C. &lt;p&gt;Django&lt;/p&gt;            D. &lt;p&gt;MySQL&lt;/p&gt;</p>
12	What is a framework in software development.	<p>A. &lt;p&gt;A language&lt;/p&gt;            B. &lt;p&gt;Coding rules&lt;/p&gt;            C. &lt;p&gt;Testing tool&lt;/p&gt;            D. &lt;p&gt;Pre built structure&lt;/p&gt;</p>
13	What is risk assessment in software projects.	<p>A. &lt;p&gt;Writing code&lt;/p&gt;            B. &lt;p&gt;Identifying potential threats&lt;/p&gt;            C. &lt;p&gt;Creating diagrams&lt;/p&gt;            D. &lt;p&gt;Managing teams&lt;/p&gt;</p>
14	Which testing check the entire system as a whole.	<p>A. &lt;p&gt;Unit Testing&lt;/p&gt;            B. &lt;p&gt;System Testing&lt;/p&gt;            C. &lt;p&gt;Integration Testing&lt;/p&gt;</p>

		D. <p>Dubugging</p>
15	Which tpe of testing checks individual componets of software.	A. <p>Integration Testing</p> B. <p>System Testing</p> C. <p>Unit Testing</p> D. <p>Acceptance testing</p>
16	Which phase comes after testing in SDLC.	A. <p>Requirement</p> B. <p>Design</p> C. <p>Deployment</p> D. <p>Debugging</p>
17	Whcih of the followig is NOT Part of SDLC.	A. <p>Requirement</p> B. <p>Design</p> C. <p>Testing</p> D. <p>Coding</p>
18	Which factor affects softeare cost estimation	A. <p>Team size</p> B. <p>Number of stakeholders</p> C. <p>Technology stack</p> D. <p>All of the above</p>
19	Which of the following is a quality assurqnce activity.	A. <p>Coding&nbsp;</p> B. <p>Code review and testing</p> C. <p>Marketing</p> D. <p>Hiring</p>
20	What si the role of UML in software development	A. <p>Visualizing systme design</p> B. <p>Writing code</p> C. <p>Managing eam communciatio&nbsp;</p> D. <p>Depolying software,</p>