

Computer Science Ics Part 1 Chapter 1 Online Test

Sr	Questions	Answers Choice
1	What is the main disadvantages of the Waterfall model.	<p>A. <p>Lack of flexibility</p> B. <p>High cost</p> C. <p>Poor documentation</p> D. <p>Slow development</p></p>
2	Which of the following best describes an design pattern.	<p>A. <p>New lanaguage</p> B. <p>Reusable solution</p> C. <p>Type of DB</p> D. <p>Testing method</p></p>
3	What is the purpose of a sequene Diagram.	<p>A. <p>Show data flow</p> B. <p>Model work flows</p> C. <p>Show object interactions</p> D. <p>Define system limits</p></p>
4	Which of the following helps in managing large scale software projects.	<p>A. <p>Frameworks</p> B. <p>Methodologies</p> C. <p>Tools</p> D. <p>All of the above</p></p>
5	What is risk assessment in software projects.	<p>A. <p>Writing code</p> B. <p>Identifying potential threats</p> C. <p>Creating diagrams</p> D. <p>Managing teams</p></p>
6	What is the first step in risk management.	<p>A. <p>Analyzing impact</p> B. <p>Monitoring risks</p> C. <p>Identifying risks</p> D. <p>Mitigating risks</p></p>
7	Whcih of the following is a reason form testing software.	<p>A. <p>To find and fix bugs early</p> B. <p>to make it look better</p> C. <p>To delay delivery</p> D. <p>To increase costs</p></p>
8	What is the benefit of using framewors in development.	<p>A. <p>Fastr with reusable parts</p> B. <p>Slower</p> C. <p>More bugs</p> D. <p>Less secure</p></p>
9	Which of the following is NOT pat of a SDLC.	<p>A. <p>Marketing</p> B. <p>Requirement gathering</p> C. <p>Coding</p> D. <p>Testing</p></p>
10	What is a framework in software developoment.	<p>A. <p>A lanaguage</p> B. <p>Coding rules</p> C. <p>Testing tool</p> D. <p>Pre built strucure</p></p>
11	What soes an activity diagram illustrate.	<p>A. <p>System architecture</p> B. <p>Flow of activities is a process</p> C. <p>Code structure</p> D. <p>Data Base Scheme</p></p>
12	Which of the following is an online computing platform.	<p>A. <p>Visual Studio</p> B. <p>Repl .it</p> C. <p>Py Charm</p> D. <p>Eclipse</p></p>
13	Which of he following is a key practice in Agile	<p>A. <p>Continoous integration</p> B. <p>Sequential planning</p> C. <p>Fixed scope</p> D. <p>No feedback loops</p></p>
14	Which methodology emphasizes customer collaboration and responding to change.	<p>A. <p>Waterfall</p> B. <p>Agile</p> C. <p>V-model</p> D. <p>RAD</p></p>
15	Whcih activity happens during the Execution phase.	<p>A. <p>Gathering requirements</p> B. <p>Writing code and building software</p> C. <p>Testing</p> D. <p>Deployment</p></p>

		C. <p>Planning timeline</p> D. <p>Testing software</p>
16	What is the role of UML in software development	A. <p>Visualizing system design</p> B. <p>Writing code</p> C. <p>Managing team communication</p> D. <p>Deploying software</p>
17	Which SDLC phase creates visual models of the system.	A. <p>Design</p> B. <p>Requirement</p> C. <p>Coding</p> D. <p>Testing</p>
18	Which of the following is a code editor.	A. <p>GCC</p> B. <p>GDB</p> C. <p>VS code</p> D. <p>Python</p>
19	Which Agile practice involves two developers working together.	A. <p>Pair programming</p> B. <p>Sprint planning</p> C. <p>Daily Standups</p> D. <p>Test Driven Development</p>
20	Which UML diagram represents the structure of a system using classes and objects.	A. <p>Use Case Diagram</p> B. <p>Class Diagram</p> C. <p>Sequence diagram</p> D. <p>Activity diagram</p>