

Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	What is the role of UML in software development.	<p>A. <p>Writing code</p></p> <p>B. <p>Visualizing system design</p></p> <p>C. <p>Managing team communication&nbsp;</p></p> <p>D. <p>Deploying software</p></p>
2	How can visual aids help in storytelling.	<p>A. <p>They complicaee the message</p></p> <p>B. <p>They make the story more engaging</p></p> <p>C. <p>They distract the audience</p></p> <p>D. <p>They are unnecessary</p></p>
3	Which of the following helps in managing large scale software projects.	<p>A. <p>Frameworks</p></p> <p>B. <p>Methodologies</p></p> <p>C. <p>Tools</p></p> <p>D. <p>All of the above</p></p>
4	What si the main purpose of testing in software development.	<p>A. <p>To write better code</p></p> <p>B. <p>To documnt requirements</p></p> <p>C. <p>To find bugs and ensure quality</p></p> <p>D. <p>To plan timelines</p></p>
5	Which of the following fields used python	<p>A. <p>Game development</p></p> <p>B. <p>Data Analysis</p></p> <p>C. <p>Artificial Intelligence</p></p> <p>D. <p>All of the above</p></p>
6	What is testing in programming.	<p>A. <p>writing code</p></p> <p>B. <p>Running code with inputs</p></p> <p>C. <p>Compiling</p></p> <p>D. <p>Debugging</p></p>
7	How does blockchain help banks transfer money internationally	<p>A. <p>Makes it slower</p></p> <p>B. <p>Makes it faster and cheaper</p></p> <p>C. <p>Adds middlemen</p></p> <p>D. <p>Requires cash</p></p>
8	Which is the purpose of the push operation in a stack.	<p>A. <p>Remvoe teh bottom item</p></p> <p>B. <p>Add an item to the top</p></p> <p>C. <p>Search for an item</p></p> <p>D. <p>Sort the stack</p></p>
9	Which of thedse is NOT part of digital literacy	<p>A. <p>Search engines</p></p> <p>B. <p>Data safety</p></p> <p>C. <p>Cooking meals</p></p> <p>D. <p>File management</p></p>
10	High Variance means.	<p>A. <p>Data&nbsp;</p> points are close to the mean</p></p> <p>B. <p>Data points are far from the mean</p></p> <p>C. <p>All values are teh same</p></p> <p>D. <p>There are missing values</p></p>
11	How does the digital divide affect education.	<p>A. <p>Studetns get more books</p></p> <p>B. <p>Poor students struggle with online learning</p></p> <p>D. <p>Teachers get paid more</p></p> <p>E. <p>Schools get more funds</p></p>
12	What is the purpose fo a dubgger.	<p>A. <p>To find and fix errors</p></p> <p>B. <p>To write code</p></p> <p>C. <p>To design interfaces</p></p> <p>D. <p>To manage databases</p></p>
13	Which measure tells how spread out the data is from the mean.	<p>A. <p>Mean</p></p> <p>B. <p>variance</p></p> <p>C. <p>Mode</p></p> <p>D. <p>Median</p></p>
14	Which real life example follows the stack principle.	<p>A. <p>Ticket line</p></p> <p>B. <p>Browser back button</p></p>

		C. <p>Music playlist</p> D. <p>Email inbox</p>
15	Which stage ensures the solution aligns with user needs.	A. <p>Ideate</p> B. <p>Test</p> C. <p>Define</p> D. <p>Prototype</p>
16	Which of the following is a trade secret.	A. <p>Public recipe</p> B. <p>Internal business strategy</p> C. <p>Shared file</p> D. <p>Open source code</p>
17	What is a benefit of online education platforms.	A. <p>Only for rich students</p> B. <p>Only for city schools</p> C. <p>No internet needed</p> D. <p>Students can learn from top universities</p>
18	Which model combines public and private clouds.	A. <p>Multi cloud</p> B. <p>Hybrid cloud</p> C. <p>IaaS</p> D. <p>PaaS</p>
19	What is a major economic impact of the digital divide.	A. <p>More jobs for all</p> B. <p>Limited job opportunities for those without tech</p> C. <p>Higher salaries</p> D. <p>Better schools</p>
20	How does analyzing market data aid business decision.	A. <p>It replaces the need for research</p> B. <p>It identifies patterns and trends</p> C. <p>It focuses solely on finances</p> D. <p>It limits customer feedback</p>