

Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Which of the following is a trade secret.	<p>A. <p>Public recipe</p> B. <p>Internal business strategy</p> C. <p>Shared file</p> D. <p>Open source code</p></p>
2	Which is a sorting algorithms.	<p>A. <p>Linear search</p> B. <p>Quick sort</p> C. <p>DFS</p> D. <p>BFS</p></p>
3	What is a budget.	<p>A. <p>A plan for managing expenses</p> B. <p>Total revenue earned</p> C. <p>A type of investment</p> D. <p>A loan agreement</p></p>
4	Data cleaning involves	<p>A. <p>Adding more data</p> B. <p>Removing errors and inconsistencies</p> C. <p>Creating charts</p> D. <p>Writing reports</p></p>
5	How can Google Drive assist in teamwork.	<p>A. <p>Limit access</p> B. <p>Simultaneous editing</p> C. <p>Financial projections</p> D. <p>Marketing plans</p></p>
6	Importance of being specific when formulating a research question.	<p>A. <p>To ensure it covers a wide range of topics</p> B. <p>To clearly define what you want to find and avoid vagueness</p> C. <p>To include as much information as possible</p> D. <p>To make the research more generalizable</p></p>
7	What is data analytics	<p>A. <p>Coding</p> B. <p>Guessing</p> C. <p>Analyzing</p> D. <p>Designing</p></p>
8	Why are collaboration and iteration important.	<p>A. <p>Limit creativity</p> B. <p>Improve results</p> C. <p>Complicate processes</p> D. <p>Focus on individuals</p></p>
9	Artists use blockchain to prove their digital art is original using.	<p>A. <p>Passwords</p> B. <p>Digital signatures / nfts</p> C. <p>Paint</p> D. <p>Usb drives</p></p>
10	What gives inventors exclusive rights over inventions.	<p>A. <p>Trade secret</p> B. <p>Patent</p> C. <p>Trademark</p> D. <p>Design right</p></p>
11	Why should you use multiple security tools.	<p>A. <p>To cover different types of threats</p> B. <p>To slow down the system</p> C. <p>To delete all emails</p> D. <p>To track online activity</p></p>
12	How is collaboration seen in classrooms.	<p>A. <p>Individual work</p> B. <p>Group projects</p> C. <p>Teacher lectures</p> D. <p>Exam competition</p></p>
13	Which notation shows the upper bound of time complexity.	<p>A. <p>Omega</p> B. <p>Theta</p> C. <p>Big O</p> D. <p>Lambda</p></p>
14	Why is the Empathize stage crucial in Design Thinking .	<p>A. <p>Defines the problem</p> B. <p>Generates ideas</p></p>

		<p>C. <p>Understands user needs</p></p> <p>D. <p>Tests prototypes</p></p>
15	Which of the following is NOT a primitive computational structure.	<p>A. <p>integers</p></p> <p>B. <p>Loops</p></p> <p>C. <p>Artificial intelligence</p></p> <p>D. <p>Boolean values</p></p>
16	What is the purpose of slicing ?	<p>A. <p>Access elements</p></p> <p>B. <p>Create a list</p></p> <p>C. <p>Subset of sequence</p></p> <p>D. <p>Sort &nbsp; a list</p></p>
17	What is a benefit of peer feedback	<p>A. <p>Slows down process</p></p> <p>B. <p>Improves final product</p></p> <p>C. <p>Discourages teamwork</p></p> <p>D. <p>Limits creativity</p></p>
18	What is the probability of getting heads in a fair coin toss.	<p>A. <p>0.5</p></p> <p>B. <p>0.25</p></p> <p>C. <p>0.75</p></p> <p>D. <p>1</p></p>
19	How can visual aids help in storytelling.	<p>A. <p>They complicate 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>
20	How do you create a list in Python.	<p>A. <p>Curly braces</p></p> <p>B. <p>Parentheses</p></p> <p>C. <p>Square brackets</p></p> <p>D. <p>Angle brackets</p></p>