

Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Why is bubble sort not for large datasets.	<p>A. Needs more memory</p> <p>B. $O(n^2)$ time complexity</p> <p>C. Works on sorted data only</p> <p>D. Can't handle numbers</p>
2	What does return do in a function.	<p>A. Prints output always</p> <p>B. Stops the program</p> <p>C. Sends back a value</p> <p>D. Deletes the function</p>
3	Smart contracts are automatically executed when	<p>A. Someone asks</p> <p>B. Conditions are met</p> <p>C. Time passes</p> <p>D. Money is stolen</p>
4	The operation used to add an item to a queue	<p>A. Dequeue</p> <p>B. Enqueue</p> <p>C. Remove</p>
5	Why digital literacy important.	<p>A. To use social media only</p> <p>B. To buy more devices</p> <p>C. To spot fake news and stay safe</p> <p>D. To use apps fast</p>
6	Why is resource management important in cloud computing	<p>A. To waste money</p> <p>B. To reduce performance</p> <p>C. To avoid unnecessary costs</p> <p>D. To delete data</p>
7	Which stage ensures the solution aligns with user needs.	<p>A. Ideate</p> <p>B. Test</p> <p>C. Define</p> <p>D. Prototype</p>
8	How can you write a multi-line comment in Python.	<p>A. Using <code>//</code> at each line</p> <p>B. Using <code>triple quotes (" "" "" or " "" "")</code></p> <p>C. Using square bracket <code>[[[[]]]]</code></p> <p>D. Using curly braces <code>{ &nbsp; ; }</code></p>
9	How does Divide and conquer work.	<p>A. Make local choices</p> <p>B. Break, solve, combine</p> <p>C. Store subproblem results</p> <p>D. Try all options, backtrack</p>
10	What does an activity diagram illustrate.	<p>A. System architecture</p> <p>B. Flow of activities is a process</p> <p>C. Code structure</p> <p>D. Data Base Scheme</p>
11	A valid variable name in Python is	<p>A. Variable</p> <p>B. Variable</p> <p>C. Variable name</p> <p>D. Variable name</p>
12	What is the main advantage of Dynamic programming.	<p>A. Avoid redundant work</p> <p>B. Locally optimal results</p> <p>C. Solve independent problems</p> <p>D. Explore all options</p>
13	Which UML diagram shows how users interact with the system.	<p>A. Class diagram</p> <p>B. Use Case Diagram</p> <p>C. Sequence Diagram</p> <p>D. Activity Diagram</p>
14	How can Google Drive assist in teamwork.	<p>A. Limit access</p> <p>B. Simultaneous editing</p> <p>C. Financial projections</p>

		D. <p>Marketing plans</p>
15	Which tool is commonly used for creating visualizations.	A. <p>Excel</p> B. <p>Notepad</p> C. <p>Word</p> D. <p>Paint</p>
16	How does blockchain help banks transfer money internationally	A. <p>Makes it slower</p> B. <p>Makes it faster and cheaper</p> C. <p>Adds middlemen</p> D. <p>Requires cash</p>
17	The research ethics principl focused on honesty in reporting findings.	A. <p>Confidentiality</p> B. <p>Integrity</p> C. <p>Informed Consent</p> D. <p>Avoiding Bias</p>
18	The purposeof the Limitations of Liability clause in Terms of Use.	A. <p>ensures full company respnsibility</p> B. <p>Limits company's liability</p> C. <p>Provides usrer rights for damages</p> D. <p>Gurantees constant service availability</p>
19	What is the primary goal of algorithm design techniques.	A. <p>Imporve hardware</p> B. <p>Sovle problems systematically</p> C. <p>Reduce input size</p> D. <p>Debug software</p>
20	Cryptocurrencles works without which of the flowing	A. <p>Banks</p> B. <p>Internet</p> C. <p>Users</p> D. <p>Code</p>