

Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Which operation removes an item by its index in a list.	<p>A. <code>Pop()</code></p> <p>B. <code>delete ()</code></p> <p>C. <code>Remove()</code></p> <p>D. <code>clear ()</code></p>
2	A successful business pitch should be	<p>A. Long and detailed</p> <p>B. Clear and persuasive</p> <p>C. Directed only at investors</p> <p>D. Focused on personal achievements</p>
3	What are collaborative tools used for.	<p>A. Individual work</p> <p>B. Teamwork</p> <p>C. Financial analysis</p> <p>D. Marketing</p>
4	What is the main advantages of dynamic programming.	<p>A. Avoid redundant work</p> <p>B. Locally optimal results</p> <p>C. Solves independent problems</p> <p>D. Explore all options</p>
5	What are expenses.	<p>A. total earnings from sales</p> <p>B. Costs incurred while operating</p> <p>C. Money saved for future needs</p> <p>D. Interest on loans</p>
6	Which UML diagram represents the structure of a system using classes and objects.	<p>A. Use Case Diagram</p> <p>B. Class Diagram</p> <p>C. Sequence diagram</p> <p>D. Activity diagram</p>
7	Why evaluate online sources.	<p>A. Make research harder</p> <p>B. Check if it looks good</p> <p>C. Trust the information</p> <p>D. Copy content easily</p>
8	What is a major security concern in cloud computing.	<p>A. Too much speed</p> <p>B. Data breaches</p> <p>C. Fast downloads</p> <p>D. Easy access</p>
9	Which activity happens during the Execution phase.	<p>A. Gathering requirements</p> <p>B. Writing code and building software</p> <p>C. Planning timeline</p> <p>D. Testing software</p>
10	The meaning of NP in computational complexity is.	<p>A. Non deterministic polynomial time</p> <p>B. Negative polynomial time</p> <p>C. No trivial polynomial time</p> <p>D. Numerical polynomial time</p>
11	Which loop is best for iterating over a sequence like a list or string.	<p>A. While loop</p> <p>B. for loop</p> <p>C. do-while loop</p> <p>D. switch loop</p>
12	The positive societal impact of computing system.	<p>A. Spread of misinformation</p> <p>B. Improved information accessibility</p> <p>C. Heightened privacy concerns</p> <p>D. Widened technology gap</p>
13	What is the dequeue operation in a queue.	<p>A. Removing an item from the front</p> <p>B. Adding an item to the back</p> <p>C. Sorting the queue</p> <p>D. Copying the queue</p>

14	For which problems is Backtracing suitable.	A. <p>Optimal substructure</p> B. <p>Explore all combinations</p> C. <p>ON optimal choice</p> D. <p>No overlapping problems</p>
15	Why are commonly used algorithms important.	A. <p>Reduce hardware cost</p> B. <p>Solve common Problems efficiently</p> C. <p>Remove need for data structure</p> D. <p>For theory only</p>
16	Which model supports iterative development.	A. <p>Water fall</p> B. <p>Agile</p> C. <p>V model</p> D. <p>None of the above</p>
17	What is the result of $3^{**} 2$?	A. <p>6</p> B. <p>5</p> C. <p>8</p> D. <p>9</p>
18	What does ethics in data science include.	A. <p>Data theft</p> B. <p>Fairness and bias</p> C. <p>Ignoring privacy</p> D. <p>Manipulating data</p>
19	How do you use a module in code.	A. <p>By copying it</p> B. <p>By renaming it</p> C. <p>By importing it</p> D. <p>By printing it</p>
20	Which design pattern allows interchangeable algorithms at runtime	A. <p>Singleton</p> B. <p>Strategy</p> C. <p>Factory</p> D. <p>Observer</p>