

Computer Science Ics Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	If you have a list f{Apple"banana". "cherry "}ruits = l " what is fruit (1)	A. <p>Apple</p> B. <p>Banana</p> C. <p>Cherry</p> D. <p>Error</p>
2	How are lists created in Python.	A. <p>Using parentheses ()</p> B. <p>Using square brackets []</p> C. <p>Using curly braces {}</p> D. <p>Using angle brackets</p>
3	What is a list in Python.	A. <p>Unordered items</p> B. <p>Changeable sequence</p> C. <p>Print function </p> D. <p>Loop type</p>
4	How do primitives affect a system's capabilities.	A. <p>Make program look better</p> B. <p>Decide what and how fast it computes</p> C. <p>Control internet speed</p> D. <p>Improve graphics</p>
5	What does abstraction mean in computing.	A. <p>Hide data</p> B. <p>combine simple</p> C. <p>Parts into complex systems</p> D. <p>Use high level languages</p>
6	Why are primitive computational structures important in computer science.	A. <p>They reduce memory</p> B. <p>They for all software</p> C. <p>Only for web dev</p> D. <p>Increase hardware cost</p>
7	Which of the following is NOT a primitive computational structure.	A. <p>integers</p> B. <p>Loops</p> C. <p>Artificial intelligence</p> D. <p>Boolean values</p>
8	Which of the following best describes primitive computational structures.	A. <p>Advanced tools</p> B. <p>Complex Algorithms</p> C. <p>Basic building blocks of computing</p> D. <p>High level data types</p>
9	A scenario where a graph data structure is most suitable.	A. <p>Managing a to do list</p> B. <p>Modeling a line of customers in a store </p> C. <p>Representing connections in a social network </p> D. <p>All of the above</p>
10	True statement about the height of a tree.	A. <p>Number of edges from the root to the deepest node</p> B. <p>Number of nodes from the root to the deepest node</p> C. <p>Number of children of the root node</p> D. <p>Always equal to the number of nodes in the tree</p>
11	The operation used to add an item to a queue	A. <p>Dequeue </p> B. <p>Enqueue</p> C. <p>Remove</p>
12	An operation that removes an item from the top of the stack	A. <p>Push</p> B. <p>Pop</p> C. <p>Peek</p> D. <p>Add</p>
13	The purpose of the in keyword used with a Python list	A. <p>Add an item to the list</p> B. <p>Removes an item from the list</p> C. <p>Checks if an item exists in the list</p> D. <p>Returns the length of the list</p>

14 The function used to add an item at the end of a list in Python.

- A. <p>Append()</p>
 - B. <p>Insert ()</p>
 - C. <p>remove ()</p>
 - D. <p>PoP ()</p>
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