

Computer Science Ics Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	What is the dequeue operation in a queue.	A. <p>Removing an item from the front</p> B. <p>Adding an item to the back</p> C. <p>Sorting the queue</p> D. <p>Copying the queue</p>
2	What is the enqueue operation in a queue.	A. <p>Removing an item from the front</p> B. <p>Printing the queue</p> C. <p>Adding an item to the back</p> D. <p>Searching for an item</p>
3	Which principle does a queue follow.	A. <p>LIFO</p> B. <p>FIFO</p> C. <p>FILO</p> D. <p>Random access</p>
4	What is a queue.	A. <p>Add/remove from top</p> B. <p>Add/remove from both ends</p> C. <p>Add at back , remove from front</p> D. <p>Store items randomly</p>
5	Which real life example follows the stack principle.	A. <p>Ticket line</p> B. <p>Browser back button</p> C. <p>Music playlist</p> D. <p>Email inbox</p>
6	What is the purpose of the pop operation in a stack	A. <p>Add an item to the top</p> B. <p>Remove the top item</p> C. <p>Count the number of items</p> D. <p>Print the stack</p>
7	Which is the purpose of the push operation in a stack.	A. <p>Remove the bottom item</p> B. <p>Add an item to the top</p> C. <p>Search for an item</p> D. <p>Sort the stack</p>
8	Which principle does a stack follow.	A. <p>FIFO</p> B. <p>LIFO</p> C. <p>FILO</p> D. <p>LILO</p>
9	What is a stack.	A. <p>Add/remove at both ends</p> B. <p>Add /remove from the top</p> C. <p>Add front, remove back</p> D. <p>No specific order</p>
10	Which of the following is an application of lists.	A. <p>Storing a single number</p> B. <p>Implementing stacks and queues</p> C. <p>Creating images</p> D. <p>Playing music</p>
11	Which keyword checks if an item exists in a list	A. <p>In</p> B. <p>for</p> C. <p>if</p> D. <p>exists</p>
12	Which operation removes an item by its index in a list.	A. <p>Pop()</p> B. <p>delete ()</p> C. <p>Remove()</p> D. <p>clear ()</p>
13	Which operation removes an item by its value in a list	A. <p>Delete ()</p> B. <p>Remove()</p> C. <p>Pop ()</p> D. <p>Clear ()</p>
14	Which operation removes an item by its value in a list.	A. <p>delete ()</p> B. <p>pop ()</p> C. <p>remove()</p>

D. <p>clear ()</p>

15 What happens when you use the append () method on a list.

- A. <p>It deletes the last item</p>
- B. <p>It adds an item to the end of the list</p>
- C. <p>It sorts the list</p>
- D. <p>It creates a new list</p>