Computer Science Ics Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Which real life example follows the stack principle.	A. Ticket line B. Browser back button C. Music playlist D. Email inbox
2	Which operation remvoes an intem by its index in a list.	A. Pop() B. delete () C. Remove() D. clear ()
3	What does abstraction mean in computing.	A. Hide data B. combine simple C. Parts into complex systems D. Use high level languages
4	In which structures can cycles exist.	A. Graph B. Tree C. Stack D. Queue
5	What is the dequeue opertion in a queue.	A. Removing an item formt he front B. Additing an item to the back C. Sorthing the queue D. Copying the queue
6	Which is the purpose of the push operation in a stack.	A. Remvoe teh bottom item B. Add an item to the top C. Search for an item D. Sort the stack
7	Which of the following is NOT a characteristic of a graph	A. Vertices B. Edges C. One directional flow only D. Weighted or unweighted edges
8	If you have a list f{Apple"banana". “cherry ”}ruits = I " what is fruit (1)	A. Apple B. Banana C. Cherry D. Error
9	Wha is a list in Python.	A. Unordered items B. Changeable sequence C. Print function D. Loop type
10	How do primitives affect a system's capabilities.	A. Make program look better B. Decide what and how fast it computes C. Control internet speed D. Improve graphics
11	The opertion used to add an item to a queue	A. Dequeue B. Enqueue C. Remove
12	Which principle does a stack follow.	A. FIFO B. LIFO C. FILO D. LILO
13	What is a queue.	A. Add/remvoe from top B. Add/remvoe from both ends C. Add at back , remvoe form front D. Store items randomly
14	What is the enqueue operation in a queue.	A. Removeing an item from the front B. Printing the queue

		C. Adding an item to the back D. Searchign for an item
15	An operation that remvoes an item from the top of the stack	A. Push B. Pop C. Peek D. Add
16	Whcih keyword checks if an item exists in alist	A. In B. for C. if D. exists
17	A scenario where a graph data structure is most suitable.	A. Managng a to do list B. Modeling a line of customers in a store C. Representing connections in a social network D. All of the above
18	What is a stack.	A. Add/remove at both ends B. Add /remove from the top C. Add front, remvoe back D. No specific order
19	Which traversal is used for beacking up files in a directory.	A. In order B. Post Order C. Pre order D. Level order
20	Which operation remvoes an item by its value in a list.	A. delete () B. pop () C. remove() D. clear ()