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*** End ***	Define a doubly linked list and write algorithm to insert a node in at start and in middle of a DLL.	Write algorithm to insert and delete a node into/from a singly linked list.	Solve Any One of the following.	Define an algorithm and explain characteristics of an algorithm.	Convert the following expression to postfix form. A+B+C+D-E	Write an algorithm to Push and Pop elements in a stack.	Solve Any Two of the following.	a) attay b) queue b)stack ujuve	of the following is not a linear data structure.	An algorithm can take zero or more inputs. (True/False)	Memory can be allocated dynamically usingfunction.	An array has type of memory allocation.	In priority queue elements are inserted and deleted from	Stack works on the principle of	Solve all of the following.		Instructions to the Students: 1. Read question carefully and write complete answers.	Subject Code: BTITC402 Max Marks: 20 Date:-12/3/2019 Duration:-1	Subject Name: Data Structures and Applications	Course: Second Year B. Tech in IT	DR. BABASAHEB AMBEDNAK TECHNOLOGICAL UNIVERSITY, LONERE Mid Semester Examination – March 2019
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