

https://ppulearn.com/

- (a) What is Hashing ? Give the characteristics of Hash function.
 - (b) What are the different methods of handling overflow in hashing?
- 7. (at
 - What do you mean by Graph Traversal ? Compare and contrast Depth First Traversal (DFS) and Breadth First Traversal (BFS).

(b)

- Write an algorithm of non-recursive Depth First Traversal (DFS) of a graph.
- (a) Write the different operations that cample ULEATICOM performed on a stack. Give array implementation of a stack.
- (b) Illustrate with the help of an example, how an arithmetic expression can be evaluated by using a stack.
- 9. (a) What is a Queue ? Give linked list implementation of a queue.

(3)

- (b) Insert the following keys into a B-Tree of order 3:
 10, 24, 23, 11, 31, 16¹/₂26, 35, 29, 20, 46, 28.
- 4008-4/1500

[P.T.O.]

4008-4/1500

(4)

10.

- (a) What is AUTOCAD ? Describe few advanced features of AUTOCAD.
- (b) Describe analysis features of AUTOCAD. How
 to draw floor plan of a building using
 AUTOCAD?



https://ppulearn.com/