Model Brakes India Placement - Technical Questions

What is meant by polymorphism

Ans: Redfinition of a base class method in a derived class

What is the essential feature of inheritance

Ans: All properties of existing class are derived.

What does the protocol FTP do

Ans: Transfer a file b/w stations with user authentification

In the transport layer ,TCP is what type of protocol

Ans: Connection oriented.

Why is a gateway used

Ans: To connect incompatible networks.

How is linked list implemented

Ans: By referential structures.

What method is used in Win95 in multitasking?

Ans: Non preemptive check.

What is meant by functional dependency?

What is a semaphore?

Ans: A method synchronization of multiple processes

What is the precedence order from high to low ,of the symbols ( ) ++ /

Ans:( ) , ++, /

Preorder of A*(B+C)/D-G

Ans:*+ABC/-DG

B-tree (failure nodes at same level)Dense index (index record appers for every search -key in file)What is the efficiency of merge sort

Ans: O(n log n)

A program on swaping (10,5)was given In which layer are routers used

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Ans:In network layer

In which layer are packets formed (in network layer) heap (priority queue) Copy constructor (constant reference)

26.Which of the following sorting algorithem has average sorting behavior --

Bubble sort,merge sort,heap sort,exchange sort

Ans: Heap sort

In binary search tree which traversal is used for getting ascending order values--Inorder ,post order,preorder

Ans:Inorder

What are device drivers used for

Ans:To provide software for enabling the hardware

Irrevalent to unix command (getty) What is fork command in unix

Ans: System call used to create process

What is make command in unix

Ans: Used forcreation of more than one file

In unix .profile contains

Ans: Start up program

In unix echo is used for (answer C) In unix ,ls ,stores contents in

Ans:inode block