# Hughes(FSS) Sample Paper

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-what is height balanced tree
_diff. Between binary tree & B –tree
-structure for the node of a doubly linked list
-A 16 bit no. is stored in some memory location (say XXXX). Write a program to access that value and count the no. of set bits in it
-For which purpose, class D Ip Addresses are used (ans, Multicasting )
-What is multicasting?
-Structure of class a & CLASS b IP addresses
-Public addresses use which class of IP address?(ans. B & C)
-Private  addresses use which class of IP address?(ans. A)
-Which CPU Scheduling algo is used in unix ?
-Which scheduling algo for multitasking?
-Is DOS multitasking?
-Is WIN 95 multitasking?
-What type of multitasking is there in win95 ?(ans. Cooperative multitasking)
-What is variable argument function  & how does it work?
-Any example of variable argument fuynction in C ? (ans. Printf)
-What happens in printf ? what is passed onto stack ?
-Interprocess communication?
-OSI layers
-TCP corresponds to which layer of OSI ?
-Function of session layer?
-Function of transport layer
-what is subnet ?
-subnet mask?
-Memory management schemes
-diff. In segmentation & paging?
-page fault & thrashing
-diff. In RDBMS & conventional DBMS ?
-What is ARP & why is it needed ?