

# All about Cdac Hyderabad - DESD

Friday, 21 October 2016

## OS Moduels Exam Import questions

Important Questions for OS Modules exams ...(Theory)

- 1) Difference between a system call and function call
- 2) Difference between Micro and Monolithic kernal
- 3)What are the classic problems of synchronization in os ?(( Answer-The Bounded Bufer Problem (explores relationship preservation)  
The Readers-Writers Problem (explores starvation)  
The Dining Philosophers Problem (explores deadlock)))
- 4) Difference between semaphore and mutex
- 5)what is mutex and what are the types of mutex
- 6) Explain fork ,vfork and exec
- 7)Explain pipe and named pipe (fifo)
- 8)What are different race condition in Os.
- 9)What do you mean by dead lock. And how can you avoid dead locks.
- 10)Risc vs CISC
- 11) Semaphore and types or semaphore,How it is diferent from mutex?
- 12)Explain paging and segmentation 13)Explain threads
- 14)What do you mean by multitasking, multiprogramming, multithreading, multiprocessing?
- 15)Explain critical section.

Feel free to ask any doubt...

Posted by Prakash Arunakar at 19:51



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