CS & IT ENGINEERING

Operating System

Intro & Background

DPP 01 Discussion notes



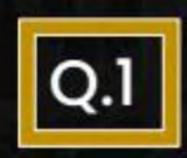
By- Dr. Khaleel Khan sir

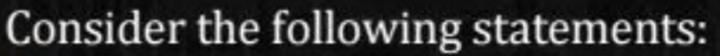


TOPICS TO BE COVERED

01 Question

02 Discussion







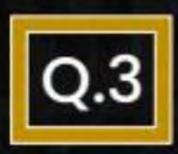
- (i) Operating system implementation has architectural constraints. [MCQ]
- (ii) Operating system is a set of utilities.
 Which of the following is true?
- A. Only (i) is correct.
- B. Only (ii) is correct.
- Both (i) and (ii) are correct,
- D. Neither (i) nor (ii) are correct.



Operating system working on strict deadlines are _____.



- A. Time sharing OS.
- B. Real time OS.
- C. Network operating system.
- D. Centralized OS.



What is/must be the primary goal for hard real time operating system?



[MCQ]

- A. Robustness.
- B. Reliability.
- C. Efficiency.
- D. Convenience.

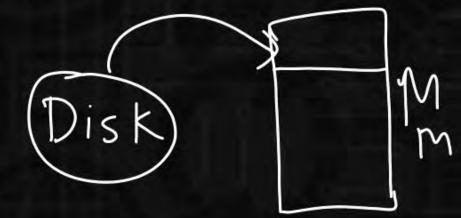




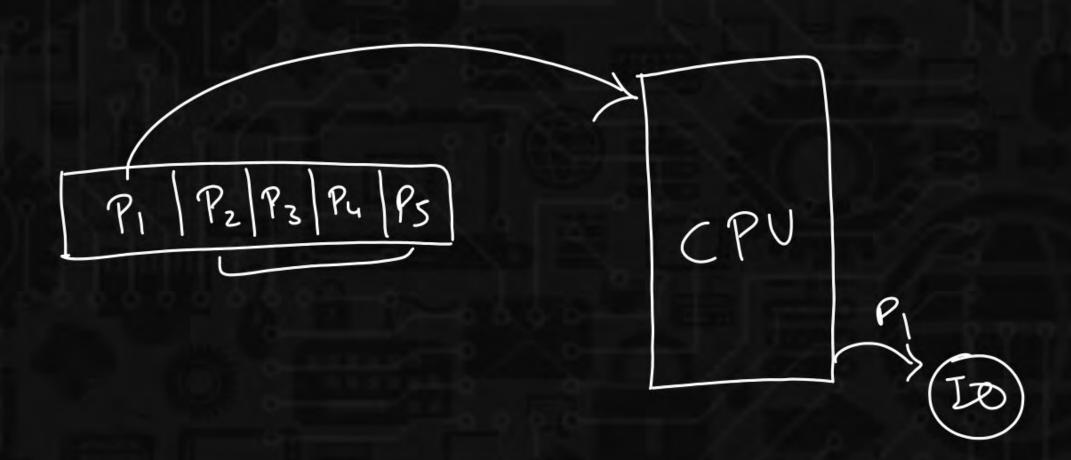
Which of the following statement is/are correct?



- A. During Booting, OS is loaded into disk from main memory.
- B. The area of memory where OS is stored, is known as system area.
- C. / Uni-programming can load and execute a single program in memory.
- D. Uni-programming suffers from idleness of CPU.









- A. Executing multiple programs in memory.
- B. Total number of programs completed per unit time.
- C. Total number of programs loaded into main memory.
- D. None of the above.



Pre-emptive processes have _____.



[MCQ]

- A. Forceful deallocation.
- B. Better response time.
- C. Both (a) and (b).
- D. None of the above.



Consider the following statements:



(i) Non-preemptive process can lead to starvation.

- [MCQ]
- (ii) Non-preemptive process has good response time. X
- (iii) Non-preemptive process can release CPU voluntarily. Which of the following is correct?
- A. (i) and (ii) are correct.
- B. (ii) and (iii) are correct.
- (i) and (iii) are correct.
- D. All (i), (ii) and (iii) are correct.



Function of operating system includes ______.





- A. Resource Management.
- B. Reliability.
- C. Security.
- D. / Control over system performance.



