

## OS 資格考題 (106 學年度第二學期)

1. [15%] Please describe the difference(s) between TLB and page table.
2. [20%] Please describe 2 advantages and 2 disadvantages of using large pages.
3. [20%] Please describe the tradeoff between processor affinity and load balancing in a multi-processor system.
4. [20%] Please describe priority inversion and why the use of Priority Inheritance Protocol (PIP) can avoid priority inversion.
5. [10%] Please describe the behavior of `pthread_join()`.
6. [15%] In a file system implementation, what is the relationship between directory entry and file control block (FCB)?