

LPUNEST - Ph.D. Computer Science and Engineering
(Sample Questions)

- QUESTION 1** Thrashing
- Option A is a natural consequence of virtual memory systems
Option B can always be avoided by swapping
Option C always occurs on large computers
Option D can be caused by poor paging algorithms
- QUESTION 2** The number of bits required for an IPV6 address is
- Option A 8
Option B 32
Option C 64
Option D 128
- QUESTION 3** In process management, Round-Robin is essentially the pre-emptive mechanism of
- Option A FILO
Option B FIFO
Option C SSF
Option D LTF
- QUESTION 4** Which of the following algorithms sort n integers, having the range 0 to (n^2-1) , in ascending order in $O(n)$ time ?
- Option A Selection sort
Option B Bubble sort
Option C Radix sort
Option D Insertion sort
- QUESTION 5** Which of the following, in C++, is inherited in a derived class from base class?
- Option A constructor
Option B destructor
Option C data members
Option D virtual methods

