Name: _____   ID: _____

1. What kind of communication is faster, interrupt or polling? Give logic supporting your answer. (2.5)
2. XyzOS is comparatively faster than AbcOS but core part of XyzOS is way more larger than AbcOS and is also prone to crash? What kind of kernel XyzOS and AbcOS uses? What are other probable drawbacks (of XyzOS?(2.5)
3. How does system call differs from general procedure call? (2.5)
4. Load 0x358, al   (instruction 1)
   Out 0x20, al   (instruction 2)

   Above given code was generated in an unknown processor. What kind of IO communication that CPU uses, PMIO or MIMO? What will be the state of IO/MEM selection line during instruction 1 and instruction 2? (2.5)

Start writing from here: