

1. Describe an algorithm to sort an one-dimensional array of integer. (20%)
2. Describe the advantages and disadvantages of static link and dynamic link when you compile and link a program. (15%)
3. Convert the decimal number 327 to a binary number.(5%)
4. What is the major difference among 8 bits, 16 bits, 32 bits and 64 bits of CPU? (5%)
5. Explain the following terms: (40%)  
a)WAP      b)dpi      c)URL      d)CD-RW  
e)Linux      f)cache      g)HUB      h)BIOS
6. Write a subroutine with your favorite computer language (or use pseudo language) to reverse the content of a string. (15%)