

***Ahsanullah University of Science and Technology  
Department of Computer Science and Engineering  
Course No: CSE2214 Course Title: Assembly Language Programming Lab  
Assignment 01***

1. Draw the diagram of the Intel 8086 Microprocessor organization.
2. Consider a machine language instruction that moves a copy of the contents of register AX in the CPU to a memory word. What happens during the fetch cycle and execution cycle.