



## FMP -6

### Addressing Modes – Physical Address

**Target Course Outcome:**

**CO1:** Understand the architecture and function of a microprocessor through assembly programs.

*Compute the physical/absolute address:*

**Physical/Absolute Address.** Assume the following segment-offset pair DS:SI with the following given values, compute the physical/absolute address to where DS:SI is actually pointing to.

**GIVEN:**

DS = 0731h  
SI = D514h

**COMPUTATION/SOLUTION:**

**ANSWER:**