



## 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:**