Quiz 1 ***(CSE331L.1 – Asif Ahmed Neloy\_Fall’20)***

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*Time 20 minutes, Marks 10 (You need to answer all questions).*

1. **Explain DAA and write the asm code using the following example –**

**AL 27H and AL 35H**

**2.** Explain the “**CMP**” and “**Test**” instruction from the following example. Also, write which one of these affect the flag register and why.

**CMP AL, 000h**

**TEST AL, 001h**

**Ans:**

CMP AL,00h compares immediate number 00h with byte in AL

TEST AL, 001h = ANDS AL with immediate number 001h.

The ‘Test’ instruction affects the flag register as the flag register gets updated after this instruction executes.

**End**