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**

**DAA allows addition of value and then placing it to the given destination.**

**MOV AL,27H**

**ADD AL,35H**

**DAA**

**so here the value from 27H with add and move to 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**

**we know CMP compares data with the destinated data.**

**CMP AL,000h here the 000h value is compared with AL**

**TESt in AND of AL an 0001h but no result will be stored.**

**End**