

CSE 331L Microprocessor Interfacing & Embedded System



Quiz 1 (*CSE331L.7 – Asif Ahmed Nelay_Fall'20*)

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

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1. Why it is never a good idea to store any data in the segment registers?[5]

Ans:

Segment register is for pointing at accessible blocks of memory.

It can access any memory value. We access much more memory with it. So, it's never a good idea to store data here.

2. Explain GPR in terms of storing data.

Ans: GPR means General Purpose Register. It normally stores data. There are total 8 GPR. Among them 4 are Main core register.

1. AX: Arithmetic Operations
2. BX: Data Input, Data Address
3. CX: Counter, Loop
4. DX: Data Register
5. SI: Index
6. DI: Index
7. BP: Pointer
8. SP: Pointer

End