

Quiz 1 ***(CSE331L.7 – Asif Ahmed Neloy\_Fall’20)***

Department of Electrical and Computer Engineering School of Engineering and Physical Sciences

North South University, Bashundhara, Dhaka-1229, Bangladesh

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

Name - Md.Kamrul Islam Asik

ID - 1712953642

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

Answer: For different tasks, section registers are allocated to store variable data. This effectively stores the stack address. The processor combines the segment address in the segment register with the offset value of a location in order to reference any memory location in a segment. So, storing data within the section register is not an ideal idea.

1. Explain GPR in terms of storing data.

Answer:

To store temporary data, general purpose registers are used

and there are 8 general purpose registers in the microprocessor.