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| **National University of Computer and Emerging Sciences, Lahore Campus** | | | | |
| C:\Users\saif\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\final design.jpg | **Course:** | **Computer Org & Assembly Lang Lab** | **Course Code:** | **EL213** |
| **Program:** | **BS(Computer Science)** | **Semester:** | **Fall 2016** |
| **Duration:** | **10 Minutes** | **Total Marks:** | **20** |
| **Paper Date:** | **14-Nov-17** | **Weight** |  |
| **Section:** | **C** | **Page(s):** | **1** |
| **Exam:** | **Quiz-II** |  |  |
| **Instruction/Notes:** | **Absolute -5 in case of cheating** | | | |

**Question # 1**

INT 16h Service 0 will wait until a key is pressed/released. And will return the following parameters

AH = keyboard scan code

AL = ASCII character or zero if special function key

You need to modify the ISR of INT 16H so that ASCII value of capital "B” is returned instead of small "b".

ASCII Code of "B" = 66

ASCII Code of "b" = 98