

**CS401 - Computer Architecture and Assembly Language-Midterm-
Subjective-Paper(30-11-2011)**

What is the syntax of PUSH instruction? 2 Marks

For what purpose DS and ES registers are generally used in the context of video memory. 2 Marks

When the instructions "push ax" is executed in decrementing stack how the value of SP will change. 3 Marks

What colors are repeated by 0th, 1st and 2nd bits (from least significant side) in Attribute Byte? 3 Marks

How SCAS instructions can be used to detect Null at the end of a string?
5 Marks

What is the wrong with this program? 5 Marks