#### Maltepe University SE342 Software Validation and Testing 2016-2017 Spring Midterm Questions

	Name : Student No :	Department Date	: : 26 April 2017, 09:30
		Grade	:
	What is testing? How testing can guaranence of a bug?		
	Explain when testing is done at least in two ftware Development Life Cycles? Which better?		
[ <b>6P</b> ] <b>Q.3</b> idation.	Explain and compare $verification$ and $val$ -		
[4P] Q.4	Compare testing with debugging.		
	What is blackbox testing and whitebox there a third method for testing?		
	Explain functional testing methods such ing, integration testing and so on?		
[10P] Q.7	Explain error, fault and failure.		
[10P] Q.Bo	onus What are git, github and gitlab?		

### [10P] Q. 8 Draw the Control Flow graph of the following code.

## [15P] Q. 9 Fill the blanks to write 3 junits. What are these test cases? Line coverage? Node Coverage? Edge Coverage?

### [10P] Q. 10 Draw the Control Flow graph of the following code.

# [15P] Q. 11 Fill the blanks to write 3 junits. What are these test cases? Line coverage? Node Coverage? Edge Coverage?