

Course No: SWE5321  
Course Title: Software Testing  
Date: 12/11/2013  
No. of Questions: (4)  
Time: 1hours  
Using Calculator (No)

University of Palestine



Midterm Exam  
2013/2014  
Total Grade:

Instructor Name: Dr. Mohammed Awad  
Student No.: \_\_\_\_\_  
Student Name: \_\_\_\_\_  
College Name: Engineering  
Dep. / Specialist: Software Eng.  
Using Dictionary (No)

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**Question One:** (3 marks)

Define each of the following terms:

Fault

Error

Failure

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**Question Two:** (5 marks)

Assume that you are a tester at a software company. Under which conditions do you need to use the following types of testing:

- Exhaustive testing
- Unit Testing
- Regression testing
- Integration testing
- Acceptance testing

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**Question Three:** (6 marks)

Sketch a diagram (V-model) that includes the software life cycle and the equivalent testing for each phase of this lifecycle. Using arrows, show two different ways of applying the testing for the phases of the software lifecycle.

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**Question Four:** (6 marks)

In question three, it was required to show two different ways of applying the testing for the phases of the software life cycle. Explain the advantages and disadvantages of each way. And explain each type of testing required for each phase of the software lifecycle.

End of Questions

*Good Luck*