Cairo University
Faculty of science
<b>Mathematics Department</b>
45 min.



MidTerm Exam (Summer 2016) Software Development Comp 303

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## The Exam is in two Pages

Q(1) Choose four clauses in the ACM/IEEE Code of Ethics, and suggest an appropriate example that illustrates that clause.

 ${\bf Q}({\bf 2})$  Why is the incremental development is the most effective approach for developing business software systems.

$\mathbf{Q}(3)$ Explain the problems with the agile methods
$\mathbf{Q}(4)$ Why does test-first development helps the programmer to develop a better understanding of the system requirements. What are the potential difficulties with test-first development?
$\mathbf{Q}(5)$ Suggest four reasons why the productivity rate of programmers working as a pair might be more than half that of two programmers working individually.
Best Regards Areeg Abdalla