

Partitioning of the examination

	Functional Tester	%	Technical Tester	%	Test Manager	%	Full Advanced Level (=100 %)	%
Introduction		1		1		1		1
1 Basics of software testing						3		3
1.1 Overview								
1.2 Testing in the software lifecycle								
2 Test process						4		4
2.1 Fundamental test process								
2.2 Test planning								
2.3 Test specification								
2.4 Test execution								
2.4.1 Preperation for test execution								
2.4.2 Execution of tests								
2.5 Test logging								
2.5.1 Test scrutiny								
2.5.2 Test outcome documentation								
2.6 Verification of test completion criteria								
3 Test management						11		11
3.1 Test management documentation								
3.1.1 Test policy								
3.1.2 Test handbook								
3.1.3 Test concept								
3.1.4 Test step plan								
3.2 Test concept documentation								
3.3 Test cost estimation								
3.4 Scheduling test planning								
3.5 Test progress monitoring and checking								
4 Risk oriented testing						7		7
4.1 Introduction to risk oriented testing								
4.2 Risk management								
4.2.1 Introduction to risk management								
4.2.2 Risk identification								
4.2.3 Risk analysis								
4.2.4 Risk avoidance								
5 Test techniques		20		15				35
5.1 Functional techniques								
5.2 Non functional testing								
5.3 Dynamic analysis								
5.4 Static analysis								
5.5 Unsystematic test techniques								
5.6 Selection of test techniques								
6 Reviews		14						14
6.1 Introduction								
6.2 Principles								
6.3 Informal reviews								
6.4 Walkthroughs								
6.5 Technical reviews (Expert review)								
6.6 Inspection								
6.7 The introduction of reviews								
6.8 Why reviews sometimes fail								
7 Deviation management						3		3
8 Procedure to optimise the test process as described in [Koomen99]						5		5
9 Test tools				12				12
9.1 Overview								
9.2 Terms								
9.3 Types of tools								
9.4 Tool selection								
9.5 Tool implementation								
10 Team composition						5		5
10.1 Individual skills								
10.2 Organisational structure								
10.3 Motivation								
Total of the parts in percent		35		28		39		100