

Tabelle1

	very important	semi important	not important	conceptually important *
Sheet 1			3	1,2
Sheet 2	4		3	1,2
Sheet 3	1		2	
Sheet 4		1	2,3	
Sheet 5	2		1	
Sheet 6			1, 2, 3	

* Not the problem itself is important, but the general idea/used method.

The BB84 protocol for QKD is also very important.

Furthermore, you should know that there is Grover's search algorithm, Shor's algorithm for factoring and an efficient circuit for QFT - but these topics will not be covered by the first exam.