

## Student Cover Sheet – Logic & Proof 3

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Topics	Question	Self Reflection (How did you find the question?)				Supervisor Feedback
		Easy	Average	Challenging	N/A	
1: Decision Procedures/SMT • Fourier-Motzkin variable elimination • SMT Algorithm	1	*				
	2	*				
	3	*				
2. Binary Decision Diagrams • BDD Computation • Using BDD's	1		*			
	2		*			
3: Modal Logics • Sequent Calculus rules for modal logic proofs	1	*				
	2	*				
	3	*				
4: Tableaux-Based Methods • Free variable tableau calculus • Comparing formal proof methodologies	1		*			
	2		*			
5: Past Exam Practice	1			*		
	2		*			

What do you think you did well?

I made short summaries for each technique and find them useful when I want to refresh my memory quickly before attempting any questions for that section. (please see the email attachment for a summary example)

What did you find the most challenging?

I am curious whether there are any good tips for improving the efficiency of BDD drawing, I find it hard to draw a BDD once the formula gets complicated (e.g., including  $\leftrightarrow$ )

Anything you would particularly like feedback on?

I cannot finish exam question 1 in 30 minutes and wondering whether there are any good ways of attempting this question?