KFUPM Department of Mathematics and Statistics

MATH 555 Take-home Exam 2

Solve **10** problems from below with **Two ***-problems, at least, from each chapter. Only results from Atiyah's book can be used. If a non-assigned problem is needed, it should be solved as part of the assigned problem.

Chapter	Problems	
NOETHERIAN RINGS	1, 9*, 10, 11, 12, 16*, 21, 22, 23*	
Artinian Rings	1*, 2*, 3, 4*, 6	
DISCRETE VALUATION RINGS AND DEDEKIND Domains	1, 2*, 3, 4*, 5*, 6*, 7, 8, 9	
COMPLETIONS	1*, 3*, 4*, 5*, 6*, 7*, 9*, 12*	

Your Choice:

	Chapter	Problem	Score out of 10
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Total out of 100			