

King Fahd University of Petroleum & Minerals

Department of Mathematical Sciences

MATH 695 – Reading and Research (I)

(Term 052)

Take-home Exam 1

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Due: Saturday April 22nd, 2006

Solve **12** exercises from below with **two *-exercises** –at least- from each chapter.

#	Chapter	Exercises
1.	Commutative Domains and their Modules	2.3, 2.7*, 5.3, 5.6*, 9.1*, 9.2
2	Valuation Domains	1.3*, 1.4, 1.12*, 4.1, 4.3*, 4.5
3.	Prüfer Domains	1.2, 1.6*, 1.7, 2.3*, 2.6, 3.2*, 3.3, 5.1, 5.6, 5.7*
4	More Non-Noetherian Domains	1.1, 1.5*, 2.2*, 2.3, 3.1, 3.5*, 5.1*, 5.3, 5.4

Your Choice:

	Chapter	Exercise	Score out of 10
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
Total out of 120			