

King Fahd University of Petroleum & Minerals
Department of Mathematical Sciences

Math552 “Galois Theory”

Semester 071 (Fall 2007)

Dr. Jawad Y. Abuihlail

Second Take Home Exam (Due: 12.1.2008, 1:00 pm)

Remarks:

1. All questions are from the textbook “T. Hungerford, *Algebra*, Springer (1974)”.
2. Give *self-contained* proofs and arguments.

Solve 16 questions from the following list, (including at least 10 with “*”).

Section	Questions
V.5	2, 4, 5*, 6, 7, 8*, 9, 10, 11*, 12
V.6	1, (2* & 3*), 4, 5, 7*, 11, 13*, 15*, 16*
V.7	1*, 2, 3*, 4, 5, 6*, 7, 9, 10*
V.8	2*, 4, 5, 7*, 8*, 9, 10*
V.9	(1* & 4*), 3, 5*

Grades

#	Section	Question*	Grade/14	#	Section	Question	Grade/10
1.				11.			
2.				12.			
3.				13.			
4.				14.			
5.				15.			
6.				16.			
7.							
8.							
9.							
10.							
		Total				Total	