

MATH 251 sections of Lazarov, Sample Test #3 Fall, 2004

Closed book, no notes, calculators OK. Show the whole work. 10 problems for total 50 pts.

The sample problems below may also include some key definitions and theorems from the material covered in Sections 13.9, 13.10, 14.1 - 14.7.

Test set I:

1. 13.9, Problem 14, 20
2. 13.10 Problem 35
3. 14.2 Problem 30
4. Chapter 14 review: Problem 15
5. 14.2 problem 37
6. 14.3 Problem 17
7. 14.4 Problem 19
8. 14.4 Problem 21
9. 14.5 Problem 34, 35
10. 14.7 Problem 7
11. (a bonus problem for extra 5 pts)

Test set II:

1. Chapter 13 review, Problem 67
2. Chapter 13 review, Problem 73
3. Chapter 14 review, Problem 8
4. Chapter 14 review, Problem 19
5. Chapter 14 review, Problem 23
6. Chapter 14 review, Problem 27
7. Chapter 14 review, Problem 32(b)
8. Chapter 14 review, Problem 24
9. Chapter 14 review, Problem 34(a) and (b)
10. Chapter 14.4, Problem 17
11. (a bonus problem for extra 5 pts)