

Topics for Test 3 in Calculus II.

Redo quizzes and homework problems (especially problems you missed), also study examples from class. Additional problems from series handout:

1. Integral test and p-series (Sec. 9.3), #15, 19, 21, 33, 37, 47 on pp. 609-610.
2. Direct and limit comparison tests (Sec. 9.4), #5, 7, 17, 25, 29 on p. 616.
3. Alternating series, absolute and conditional convergence (Sec. 9.5), #13, 15, 31, 41, 43, 47 on p. 625.
4. Ratio and root test (Sec. 9.6) #27, 29, 31, 39, 63 on pp. 633-634.
5. Power series (Sec. 9.8 and 9.9) #19, 21, 29, 47 on p. 654; #7, 9, 13 on p. 662.
6. Taylor and Maclaurin series (Sec. 9.10) #3, 7, 17, 23, 27, 33 on p. 673.
7. Taylor polynomials and approximations (Sec. 9.7) #19, 27, 41, 43 on pp. 644-645.
8. Choosing appropriate tests: 51, 53, 55, 57, 59, 61, 63, 65 on p. 634.

Good luck!