Review

Differentiation Ch6 \$6.1 Derivative (Chain rule, Inverse function) \$6.2 Mean value Thin (Rolle's Thin, 1st derivative test for Extrema) 6.3 L'Hospital's Rules \$6.4 Taylor's Thm (derivative form of remainder, relative extrana, convex function, Newton's method) Ch7 Riemann Integral Riemann integral (partition, tagged partition, Riemann sum, \$F.1 Riemann integrable, boundedness than) Riemann integrable functions (Canday Criterion, 37.2 Squeeze Thm, classes of Riemann atymalble functions, additionly Than) (Midtem up to have) \$7.3 The Fundamental Thin (1st fam Jaf=F(6)-Fa z^{nd} fam $\frac{d}{dx} \int_{a}^{x} f = f(x)$; substitution Thue, Le besque's Integralility (ritarian (pf anited), Integration by Parts Taylor's Thur with notgoal fair remainder)

Root Test, Ratio Test, and their limit vorsion, Jurtugual Test, Raable's Test) §9.3 Tests fa Nonabsoluto Convegence (alternations series, Abel's Test, Dirichlet Test)

39.4 Series of Functions (pointwise & Uniform Univergences, Cauchy Criterian for Uniform Convergence, M-Test, Power Series = radices of convergence, uniform on wegence when restrict closed a bold substitutewal, containanty, differentiation a cirtogroation term-by-term) (End)

(overs all material including those in lectures, tutorials, tranewark, & taxtbook (including all exercices in Textbook no matter it's assigned in homework or not) with emphasies on those material offer the mid-term (i.e. §7.3-§9.4). But those material before mid-term (i.e. §6.1-§7.2) may aloo be tested directly / explicitly or indirectly / implicitly.