

MAC 2233 EXAM III TOPICS (MWF)
(60 points)

- 3.1-3.3 ① Analyze a function with square roots or fractional exponents for increasing, decreasing, and concavity. (10)
- 3.1-3.3 ② Sketch a polynomial. (10)
- 3.1-3.3 ③ Sketch a rational function. (The derivatives will be given for this one.) (15)
- 3.4 ④ Find the absolute maximum and minimum of a continuous function on a closed interval. (10)
- 3.4 ⑤ Marginal cost, minimizing average cost. (10)
- 3.4 ⑥ Maximizing profit, revenue, or expenditure. (5)

Point values are in parentheses.