

## MAC 2311 EXAM IV TOPICS (9<sup>th</sup> Ed.)

- 4.3 ① Graph a rational function (15)
- 4.3 ② Graph a function involving trig., logarithmic, or exponential functions, or fractional exponents (10)
- 4.4 ③ Finding the absolute maximum and minimum values of a continuous function on a closed interval. (10)
- 4.5 ④ Two max/min word problems (20)
- 4.8 ⑤ Rolle's Theorem; Mean Value Theorem (15)
- 5.2 ⑥ Antiderivatives (10)
- 5.3 ⑦ Integrals with substitution (10)
- 10.1 ⑧ Parametric equations including graphs and derivatives. (10)