

MAC 1114 EXAM I TOPICS

- 7.1 ① degrees, minutes, seconds \leftrightarrow decimal degrees (5)
- 7.1 ② radian-degree conversions; $s = r\theta$ (10)
- 7.2 ③ finding values of trig. functions and using identities; complementary angles (10)
- 7.3 ④ calculator and exact trig. evaluations (10)
- 9.1 ⑤ solving right triangles (5)
- 9.1 ⑥ right triangle word problem (5)
- 7.4 ⑦ finding the values of the other 5 trig. functions, in a specified quadrant, given the value of one trig. function. (10)
- 7.4 ⑧ trig. values of special angles in other quadrants (5)
- 7.5 ⑨ unit circle (5)
- 7.7 ⑩ graph 2 basic trig. functions (10)
- 7.7, 7.8 ⑪ modified sec, csc, tan or cot graph (5)
- 7.6, 7.8 ⑫ modified sine or cosine graph (10)
- 8.1, 8.2 ⑬ inverse trig. functions (10)