Study Guide for Trig Final

First part is 20 multiple choice – No Calculator Allowed

1. Applications of Right Triangle Trig – finding missing parts using 6 trig ratios
2. Application of the Unit Circle and values not on a Unit Circle
3. Simplifying Trig Identities
4. Law of Sines
5. Law of Cosines
6. Determining Amplitude, Phase Shift, Vertical Shift, Period and Graphing Trig Functions
7. Double and Half Angle Formulas
8. Inverse Trig Functions
9. Converting Degrees to Radians or Radians to Degrees
10. Sum and Difference Formulas of Angles
11. Area of triangle (not right triangle)

Second Part is 3 multiple choice and 2 short answer where a calculator IS allowed

1. Law of Cosines
2. Angular Velocity
3. Arc Length
4. Verify a Trig Identity
5. Application of Law of Sines

Assignments to look at:

1. P. 104-105 #87, 89, 97, 99
2. P. 171 #9, 11, 23-29, 31-45, 47, 51, 59, 75, 77, 89
3. P. 195 #69
4. P. 239 Things to Know box
5. P. 240-241 # 21, 25-31, 37, 39, 41-57, 75, 79, 83-85, 91-104
6. P. 254 #11
7. P. 273 #33
8. P. 291 # 3, 5, 7, 9, 15, 35, 39, 47, 49-57