Math 546 Sammer 2002 Exem3

PRINT Your Name:______ There are 10 problems on 5 pages. Each problem is worth 5 points.

I will put your exam outside my office door after I have graded it. You may pick it up any time before class on Monday. If I know your e-mail address, I will e-mail your score on Exam 3 to you.

1. Define "cyclic group". Use complete sentences.

The grout G is a cyclic group it there exists an element g +6such that every element in G is equal to gm Bou some integer M.

2. Define "generator of a group". Use complete sentences.

The element of of the group G is a generator of G if every element of G is essel to gm for some integer M.