Name: Id#

COE 306, Term 161

Introduction to Embedded Systems

Quiz# 5

 Date: Sunday, Jan. 5, 2016

# **Q1.** For the periodic processes shown below:



1. Compute CPU utilization.
2. Schedule the processes using an RMS policy.
3. Schedule the processes using an EDF policy.

In each case, compute the schedule for an interval equal to the least-common multiple of the periods of the processes. If processes have the same priority, schedule processes to minimize preemption and process waiting time.