## ECE 273 08-09

Name KEY

1. A state machine has flip-flop equations

 $D_1 = O_2 O_3$   $D_2 = O_2$ 

D3 = Q3'Q2

and outpit equation

 $Z = \times Q_2' Q_3$ 

As usual, Di represents a flip-flop import Qui represents a flip-flop output X represents the Circuit import Z represents the output

What type of machine 15 this?

Mealy 2. Given the State graph below, what is the atput for:

