

ICS 252–Discrete Structures

Quiz: 4

Section: 2

Time: 10 minutes

Name:

ID#:

Question 1: [3 marks] What is the probability that a binary strings of length 10 generated randomly start with 0?

Question 2: [7 marks] Let X be the number of 2s that come up when a fair die is rolled 10 times.

1. What is the probability that X is at least 1?

2. What is the probability that X is at most 9?