

King Fahd University of Petroleum & Minerals
Department of Mathematics & Statistics
STAT-319-Term172
Quiz #2-02

Name:

ID:

Serial:

Q 1: Twenty percent of all households in a town have broadband Internet access. In a random sample of twenty houses, what is the probability that more than two have broadband Internet access?

Q 2: On average four cars will cross a given intersection per hour.

1. What is the probability that at least one car will cross the intersection in the next half hour?
2. If already at least one car crossed the intersection in the last half hour, what the is the probability that there will be at least one more