Stochastic Processes Sharif University of Technology Dr. H.R. Rabiee September 26, 2023 CE 40-695

Time: 20 mins

Name: Std. Number:

## Quiz 1

## Questions

1. Let X and Y be two independent Uniform(0,1) random variables. Let also Z=max(X,Y) and W=min(X,Y). Find Cov(Z,W).