CT# 3 SEC A CSE 317

Time: 30 mins

Fall 2020

CT#3

5

1.

a) Draw and explain the single cycle data path organization for (MIPS)
the following high level statement.

S[i] = S[i+101] - T; where I = last two digit of your Id.

b) How many basic components are in MIPS single cycle data path.explin all functions of all components?