

CSE 305 – Computer Architecture

Class Test – 2 (Total Marks: 20)

Student No:

1. What are the four design principles used for MIPS instruction set design? (4)
2. Write MIPS code for the following C code:
A [3] = A [1] + A [2], where base address of A is in \$s0. (6)
3. Write MIPS code to find out the maximum (MAX) of three given integers X, Y, and Z. X is in \$s0, Y is in \$s1, Z is in \$s2, and MAX will be in \$s3. You don't need to use any procedure. (10)