The problems are shown on Pages 169-171 of the textbook

(1) [20 points]
Problem 2.24.

(2) [20 points]
Problem 2.25

Note that the instruction should be interpreted as below:

If (R[rs]>0) {
    R[rs] = R[rs] - 1,
    PC = PC + 4 + BranchAddr
}

(3) [20 points]
Problem 2.27 (Clue: Read P135-P138 to see how the C code in Fig. 2.26 is translated into MIPS instructions. It will help you to be better prepared to solve the problem.)

(4) [20 points]
Problem 2.28

(5) [20 points]
Problem 2.29