G. Resinovic

Name _____

Section _____

K201 – Quiz 1B
9/9/81

Each of the following questions counts 2 points.

1. Control unit is a part of CPU. Name two other functional units which belong
    to CPU: ARITHMETIC-LOGICAL UNIT (or ALU), MEMORY

2. The programs that tell the computer what to do are referred to as
    SOFTWARE.

3. Compiler translates the procedure-oriented language into MACHINE
    language. When program is translated, it is called an OBJECT
    program.

4. A FØRTRAN statement that is translated into one (or more) instruction(s)
    is called EXECUTABLE statement.

5. According to the IBM card coding scheme, each letter is represented by
    (how many) __2__ punches and a numeric digit by (how many) __1__ punches
    in a card column.

6. When a numeric data item doesn't fill the entire card data field, we leave
    any blanks on the (which side) LEFT and align the number to the
    RIGHT.

7. Identify the mode (or explain what is wrong if incorrect) of each of the
    following numbers:

    a) -3.1459   DECIMAL

    b) 0.0   DECIMAL

8. Each of the following are considered to be a FØRTRAN variable. If any of
    them is valid, indicate the mode, otherwise explain why it is not valid!

    a) CASH$

    b) PAY-ØFF

9. Perform the following calculations, using the FØRTRAN rules of arithmetic.

    a) (7-5/4)/3 = 2

    b) Let A=3.5, B=0.5, C=6.
        C*(A+5.*B)/(A-B)   12

10. Indicate the errors, if any, in the following FØRTRAN expressions:

    a) (A-(B*C**2)/2.6)***3

    b) I+5*(KØNTØ-7K)**(0.5)