K201 - Quiz 1D
9/10/81

Each of the following questions counts 2 points.

1. ALU is a part of CPU. Name two other functional units which belong to CPU:

    _____

2. A memory register that will store only one character is called a _____.

3. Each machine language instruction is composed of two parts. They are:

    _____

4. When a program is translated into a machine language, each variable name is
    associated with a specific _____ in the computer memory.

5. What is the maximum number of characters that can be recorded on a single
    card? _____

6. The arrangement of the card data fields in a particular application is
    called the _____.

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

    a) 1000000.00+

    b) 0,000271

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) SUMARUM

    b) GØØØ!

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

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

    b) Let A=2.5, B=1.5, C=3.
        C*(A+2.*B)/(A-B) =

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

    a) (A-(B+(C-D*(3*E-C)))-5.D)

    b) (I-27)**2-(K/L+1)**3(N-1)