

K201 - Quiz 1A
9/10/81

Each of the following questions counts 2 points.

1. Memory is a part of CPU. Name two other functional units which belong to CPU. _____
2. The physical components that make up the computer are referred to as _____.
3. Programs written in any programming language are called _____ programs. Compiler translates such programs into a _____ language program.
4. A FORTRAN statement that is not translated into any instruction is called a _____ statement.
5. What is the maximum number of characters that can be recorded on a single punched card? _____
6. When an alphabetic data item doesn't fill the entire card data field, we usually align the data to the (which side) _____ and leave any blanks on the _____.
7. Identify the mode (or explain what is wrong if incorrect) of each of the following numbers.
 - a) 3250000.
 - b) 0.0
8. Each of the following are considered to be a FORTRAN variable. If any of them is valid, indicate the mode, otherwise explain why it is not valid.
 - a) CLASS#
 - b) ACCOUNT
9. Perform the following calculations, using the FORTRAN rules of arithmetic.
 - a) $(2-7/3)*2 =$
 - b) Let $A=2.5$, $B=1.$, $C=3.5$
 $C*(A+3.*B)-B*C =$
10. Indicate the errors, if any, in the following FORTRAN expressions.
 - a) $(ALPHA-(BETA*R**2.))/-GAMMA)/3*OMEGA$
 - b) $(I+3)(I-5)/KAPPA-(1+KAPA**2.5)$