

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)  $(I+3)(I-5)/KAPPA-(1+KAPA**2.5)$