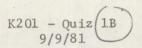
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Each of the following questions counts 2 points.

- 1. Control unit is a part of CPU. Name two other functional units which belong to CPU: ARITHMETIC-LOGICALUNIT (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) \_\_\_\_\_ punches and a numeric digit by (how many) \_\_\_\_\_ 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) PAYOFF
- 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)
- 10. Indicate the errors, if any, in the following FØRTRAN expressions:
  - a) (A-(B\*C\*\*2)/2.6)(\*\*\*)
  - b) I+5\*(KØNTØ-7K)\*\*(0.5)

