

The following questions are worth 3 points each.

- B 1. Program maintenance is the process of
- assuring the operation of the computer by periodic scheduled maintenance of the CPU.
 - changing or modifying programs from time to time to keep them up-to-date and useful.
 - modifying the data collection and data entry system when new situations arise so that the program can be used with no changes.
 - re-punching cards as they become too worn to be read by the card reader.
 - none of the above.

- C 2. Parameters are used in a program to
- complicate the program for security reasons.
 - simplify the debugging process.
 - make the program more applicable to a variety of situations without modifying the program.
 - create a program that is easy to document for future use.
 - both c and d.

- C 3. Subscripts for an array
- can be any integer number.
 - can be any FORTRAN variable.
 - must be in integer mode.
 - both b and c.

- E 4. A sequence of statements that are executed repetitively for a specified number of times is a(n)
- count-controlled loop.
 - uncontrolled loop.
 - condition-controlled loop.
 - DO loop.
 - both a and d.

- E 5. The documentation package for a computer program should include
- instruction on how to run or use the program and a description of what the program does.
 - description of the input and output files.
 - a flowchart and a program listing.
 - the variable names used in the program and a copy of the test data used with the results.
 - all of the above.

- B 6. The STOP statement
- is a nonexecutable statement.
 - causes the computer to terminate running the current program and allows it to proceed to the next program.
 - indicates to the compiler that the entire program has been read and that translation may proceed.
 - must come at the physical end of each program.