

Each of the following ten multiple choice questions counts 3 points.

\_\_\_\_\_ 1. Modifying programs from time to time to keep them up to date and useful is called:

- a. documentation
- b. conversion
- c. debugging
- d. maintenance
- e. none of the above

\_\_\_\_\_ 2. The final step in the overall process of program development is

- a. convert the program to operational status.
- b. debug the program.
- c. documentation.
- d. operation and maintenance.
- e. none of the above

\_\_\_\_\_ 3. Which of the following statements is correct?

- a. Index of a DØ statement can always be printed outside the loop.
- b. An IF statement in the range of a DØ loop will definitely cause a non-normal exit from the loop.
- c. ADØ loop is basically an uncontrolled loop.
- d. An IF statement in the range of a DØ loop may or may not cause a non-normal exit from the loop.
- e. none of the above

\_\_\_\_\_ 4. The format specification used for printing a variable whose value is 112.9 is F5.2. What kind of output will be printed for this specific data field?

- a. X
- b. \*\*\*\*\*
- c. 112.90
- d. 11.29
- e. none of the above

\_\_\_\_\_ 5. Which of the following is not included in the documentation package?

- a. input and output layouts
- b. flowchart
- c. list of variable names
- d. description of what the program does
- e. none of the above

\_\_\_\_\_ 6. A DØ loop may be ended with a

- a. GØ TØ statement.
- b. FORMAT statement.
- c. END statement.
- d. WRITE statement.
- e. none of the above