

K201: The Computer in Business

First Departmental Exam (B)

September 29, 1981

Signature _____

Name _____

Student Number _____

Instructor's Name _____

Section Number _____

This exam is worth 100 points. Although ample time is allowed, the student is advised to allocate his time wisely. If your response to a question requires more writing area, continue your response on the reverse of the page.

If you require assistance, raise your hand and a proctor will assist you at your seat.

The following 9 multiple choice questions count 3 points each

- _____ 1. In a FORTRAN arithmetic statement the "=" means:
- calculate the value of the expression on the left and store it in the memory register identified by the variable on the right
 - calculate the value of the expression on the right and print the result on the output printer
 - calculate the value of the expression on the right in its mode and store it in the memory register identified by the variable on the left, if necessary changing the mode of the result to agree with the mode of the variable on the left.
 - the same as the equal sign means in mathematics
 - none of the above
- _____ 2. Which of the following statements about a FORMAT statement is correct?
- it is an executable statement.
 - statement numbers are not always needed.
 - it can be placed anywhere in the program prior to the END card.
 - it must follow its input or output statement.
 - none of the above
- _____ 3. Which of the following is an invalid FORTRAN variable name
- NØ17L
 - THIS3
 - C AT CH
 - SUMMER79
 - none of the above
- _____ 4. Which of the following statements is invalid in FORTRAN?
- READ(5,1879)XNUM,TØTAL
 - IF(THIS-2.GT.KØUNT)GØ TØ 100
 - TØT = L**(5/2)
 - NØW = T**2-P*3.+2.5
 - none of the above
- _____ 5. Which of the following numbers is invalid in FORTRAN?
- .0632
 - 7,634.63
 - +0.02
 - 0
 - none of the above
- _____ 6. Integer mode is most appropriate for numbers used for
- measuring
 - calculations
 - division
 - identification
 - none of the above

- _____ 7. The last statement in every FORTRAN program must be:
- STOP
 - GO TO the appropriate statement number at the beginning of the program
 - END
 - the last FORMAT statement in the program
 - none of the above
- _____ 8. Indicate which of the following FORMAT statements could be correctly used with the statement:
- READ(5,2)IT, X, Y, Z
- 2 FORMAT (2I3, 3X, F3.0, 1X, F4.4)
 - 2 FORMAT (I6, A2, 2F4.0, I2)
 - 2 FORMAT ('0', I5, 2X, 3F4.0)
 - 2 FORMAT (2A4, F6.6, 2X, F3.2)
 - none of the above
- _____ 9. All of the following belong in the computer software category except
- the compiler
 - object program
 - page printer output
 - source program
 - none of the above

The following to fill in the blank questions count 3 points each.

10. A memory register that will hold but one character of data is called a (an) _____
11. Draw the flow charting symbol that is used to indicate an input or output operation.
- _____
12. The assignment of specific card columns to each data field is described by the card _____.
13. In computer jargon, the abbreviation COM stand for _____
- _____
14. On the FORTRAN coding form, FORTRAN statements may be punched in columns _____.
15. Indicate how the output would look if the number 7.25 were printed under control of the FORMAT specification F8.4. Use the symbol Δ to indicate a blank.
- _____
- _____

