

COMPUTER PROGRAMMER/ANALYST - MAINFRAME

Selection Process I.D. #

7630/WE/0817

EXAMINATION PLAN

I. Written Examination

Multiple choice - 50 item

Weight = 60%

Pass = 70% or better

Time Limit = 2 hours

Hand-held calculator permitted

<u>CONTENT AREA</u>	<u># OF ITEMS</u>	<u>PERCENTAGE</u>
Reasoning and Developing Logical Conclusions	16	32%
Coding Computer Instructions	9	18%
Computer Number Systems	2	4%
Data Processing Terminology	1	2%
Programming Techniques	3	6%
Translating Program Specifications into Computer Instructions	9	18%
Flowcharting Data Flow Program Logic	10	20%
TOTAL	50	100%

REFERENCE SOURCES

Kaye, Sharon M. *Critical Thinking: A Beginner's Guide*. Oxford: Oneworld Publications, 2009. 6-90.

Prince, Anne. *VS COBOL II*. Murach & Associates, 1990. 2-35.

Grauer, Robert T., and Crawford, Marshal A. *Structured COBOL: A Pragmatic Approach*. Englewood Cliffs, NJ: Prentice-Hall, 1981. 8+.

McCracken, Daniel D. *A Simplified Guide to Structure COBOL Programming*" Wiley & Sons, 1976. 55+

This examination consists of 50 multiple-choice questions. All questions are equally weighted.

II. Qualifications Appraisal Board (QAB)

Weight = 40%

Pass = 70% or better

The QAB is an oral board exam. Unlike a job interview, the QAB is very structured with three board members taking turns asking a number of structured questions. The same questions are asked of each candidate participating in the QAB for the open position.