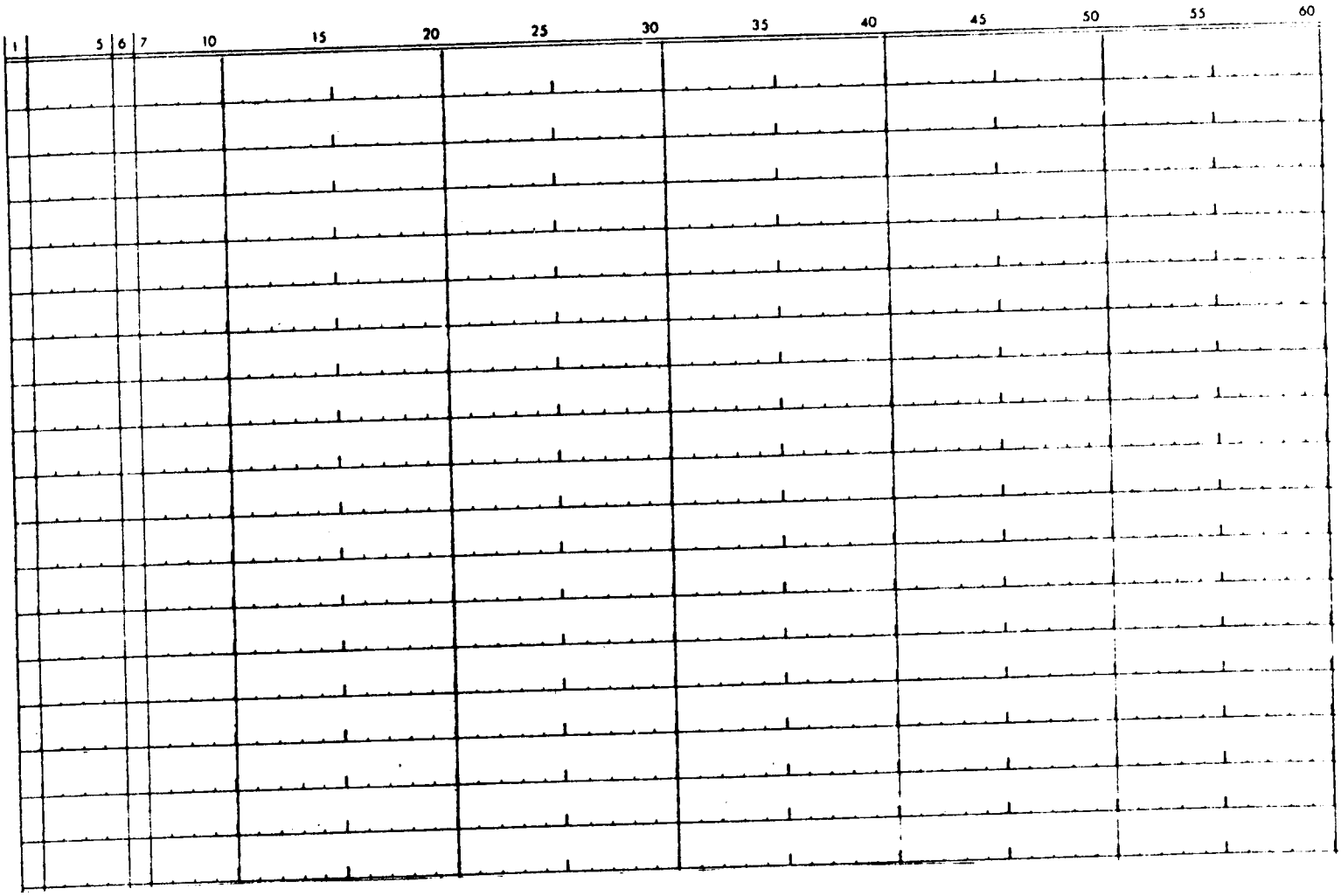
20 pts) 16. Consider the following inventory file whose layout is shown below. This file is on tape 14.

Position	Variable Name	Description
1-6	NUM	Item Number (Integer)
7-26	(provide your own)	Description (Alphanumeric)
27-31	PR	Unit Price (XXX∧XX)
32-36	QTY	Quantity on Hand (XXXXX∧)
37-41	D1	Demand this month (XXXXX∧)
42-46	D2	Demand last month (XXXXX∧)

Write a FORTRAN program that will read this file and rewrite it on Tape 16, eliminating the records for items that have had no demand during the past two months (Demand this month plus Demand last month equal to zero). Be sure and terminate this program properly. (You may want to prepare a program flow chart before writing this program.)