Critical Path Method (CPM)

Consider the project described below:

TABLE 10.1 Project Formulation for Designer Genes' Relocation

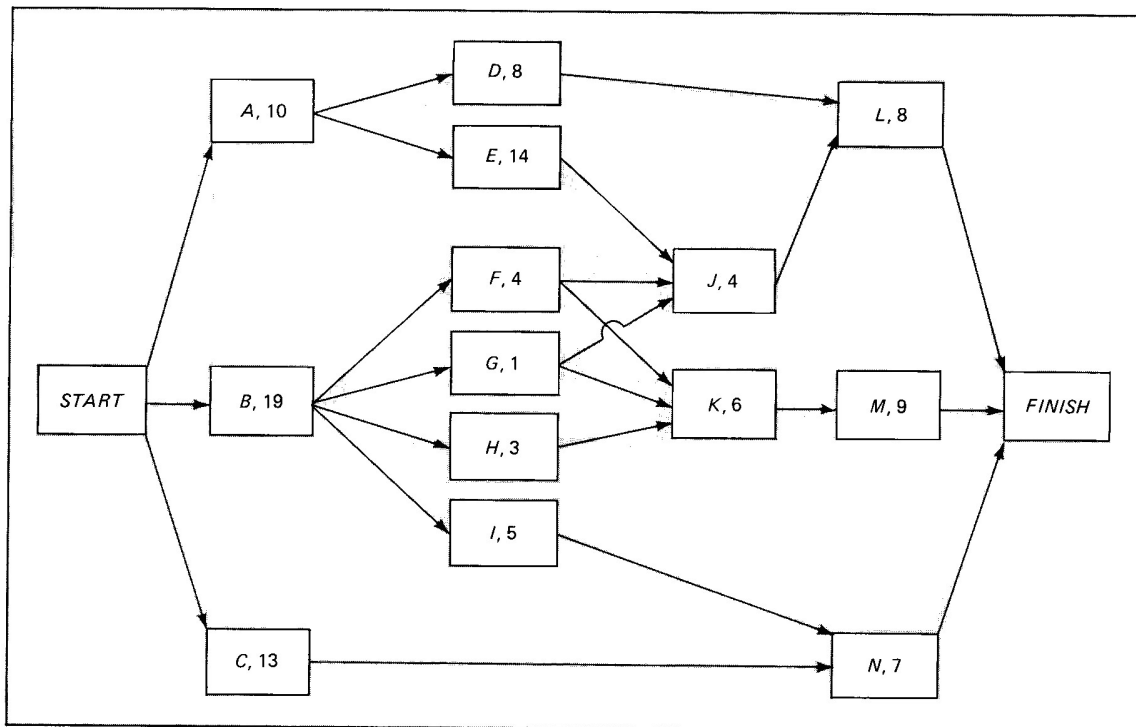| Code	Description of Activity	Estimated Duration (days)	Predecessors
A	Hiring of Manager of Computer Services Department	10	None
B	Structural Modifications	19	None
C	Enlarging and Resurfacing of Parking Lot	13	None
D	Hiring of Staff of Computer Services Department	8	A
E	Purchase and Receipt of Computer	14	A
F	Electrical Modifications	4	B
G	Heating and Cooling Modifications	1	B
H	Plumbing Modifications	3	B
I	Exterior Painting and Installation of Exterior Fixtures	5	B
J	Installation of Computer	4	E, F, G
K	Sheetrocking of Walls and Ceiling	6	F, G, H
L	Training of Staff of Computer Services Department	8	D, J
M	Interior Painting and Interior Decorating	9	K
N	Landscaping	7	C, I

Figure 10.2 Project network for relocation of Designer Genes