

Question

Consider plan of a small project given in Table below. Draw the corresponding AOA network. Analyze the network to determine the critical path and project completion time.

A)

Activity	Predecessor(s)
A	-
P	-
B	A
C	A
M	P
N	P
L	P
E	C,B,N
H	B,C,L,M,N
K	B,C,L,M,N
G	H,K
F	E

B) QUIZE

Activity	Predecessor(s)	Duration (weeks)
A	-	4
B	-	5
H	A	10
G	A ,B	3
F	H	4
E	G,F	6
D	E	5
C	E	9
I	D	3
J	C,D	6

C)Home work

Activity	Predecessor(s)
A	-
B	-
C	A,B
D	B
E	A,B
F	E
G	E
H	G,F
I	C,E
J	I,F,G