	Project Evalu	whim a	and Roo	ทั้ง ws
	1.	electro	es (PE	(I)
PERT				
	all of the same		1.0	me.
estimat.	divity will have	e the	y de la	
	istic time			
	likely time			
· Pers	imistic time.			
		tabl	e sum	marian,
di de	the following	ricet		ent,
The act	ails of a pro	,		
Activity	Predecessors		Dwasi	one (week)
0		0	m	Þ
A	-	5	6	7
В	_	1	3	5
	_	1	1 4	7
	A	1	2	3
-	В	1	2	9
E		1,	5	9
F	C	1	2	8
62	C E, F	12	A	10
14	E,F	A		0
-	0	2	5	
1		2	2	8
J	H, 67	-		
		:		
	, ,			
		Sca	anned with Cam	iscanner

a) construet the project network. of each activity projected completion time. d) project on or before 22 weeks? a) Project Network A(4) 2 E(3) e (9) Dwindion (weeks) Mean duration Mean duration, te = expected duration te = to + Atm +tp Variance 62 = (tp-to)2+104 lostros Earliest Start time, Esi = max (Esi+Dis) Latest completion time, Lei 2 min (lej-Dij) Critical path Conditions i) Esi = Lci 2) Esj = Lcj 3) Esj - Esi = Lej -Lei = Dij

b	S(1.1.1.19)				
Activity	Dw	action (wee	ne)	diviolion	Various
A	0	m	トマ	6	0.4
A	5		-	3	0.4
В	1	3	7	4	1.00
C	1	2	3	2	0.11
D	1	2	9	3	84.
É		5	9	5	1, 48
F	2	2	8	3	1,00
61	1.	4	10	5	1.00
H ()- (14	.5	8	5	1.00
I	2	2	8	3	1.00
J	2	(FT)			
MARKET PRESIDE	- Z	+ 4x6	+7	= 6	40
For A, te	2 3 _	6	11-01	L = 0.11	
02	7-1+1	[7-5]) =	9	MEC
Contical plate 1 -> A: Project compli	of st	= +.	ب 8	iance d	1032
1 -> A	→ 6	3 4	9 J	5	+5+2
(ES + D)	, F	time	150	124 week	43
Priest compl.	etion	time,	w. >	137	Last
- 1231	E29	(=	10-	= 50 = N	1
	1.	+ 107	- 6- 2	2) [

This value is obtained from standard normal distribution table. Therefore the probability of completing the project on or before 22 weeks is 0.9887.