Academy of Technology

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activities with obtimistic, morninal and Consider the following Pressimistic duration

- 1. T1 (6,10,12)
- 2. Ta (12,16,20)
- 3 T3 (7,10,20)
- 4. T4 (10,14,20) 5. Tr (11,13,15)

porce lonce rolation;

1,2 (3) 3(4;4(5

Determine the duration of the summary tasks. Draw obtimistic, expected, and pessionistic Garett chart for the project PERT weights are 64,1 for optimists, nominal, possimulie mesbectively.

4LAS

Problem Definition

Gnatt Chart: A @ conatt chart is a type of bar chart that illustrate a project rehedule, modern quitt chart also now the debordency relationships and between nativities and the current schedule status, we have to show obtimistic, Pessimistic and nominal gratt Chart.

क्षिणक्षि कार्य किला

The optimistic duration field available the best douse boasibilities for the total strong thatire working time expected for a task.

The possimistic duration field contains the worst cone possibility for the total som of notive working time expected for 1 try.

A network diagram is a graphical representation of the project and is composed of a series of connected arrows and bones to the show inter relationship between activities involves in the project.

Committe Chart +

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	28	3	6	2	12	15	Ía	21	24	23	30	2	5	a	=	14	17	20	23	26	29	2	5	B	11	14	17	20	23	26	29
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Doration of the Almmany took in

Entry Table	• ,	,		
Task Name	Duration	Start	Finish.	Predecessor
7,	9.67 days	Tue 2-3-21	Mon 15-3-21	
T ₁	16 days	Tue 2-3-21	Tue 23-3-21	
T ₂	41.17 days	wed 24-3-2)	Thu 8-4-21	1,2
T _u		Thu 8-4-21		
Te	13 days	wed 28-4-27	mon \$7-4-21	4
: 13				

Duration of Slack time is for $T_1 = 9.67$ days, $T_2 = 16$ days, $T_3 = 11.17$ days, $T_4 = 14.33$ days, $T_5 = 13$ days.

3.1. B Draw the activity diagram of Hosbital Management system?

Problem Definition

is a largetype of static structure diagram that describe the structure of a system by showing the system classes, their attributes, oberations or method and relationships among objects. A UML alars diagram it made of a select classes on relationship between them. Every class contains aloss name, attributes ma, operations or methods.

An Attributes is named property of a class which describes the object being modeled. And Methods are Armall section of code that work with the attributes.

Here are areating a class dingram of Hospital management system. There are nine classes hamed Doctor, patrint, precaption inst, Bill, Rooms, Department, payments, eredet card, and. Every class contains nome attributes and mothed. E.g. Class Doctor contains Doctor int, name: atring etc. attributes and, Prescribe modicine (), chark peports () are methods.

Diagram :















