

Assignment

Course Title : Project ~~man~~ management

Instructor : Zaigham Abbas

Student ID : 15509

Student Name : Mahia Rehman

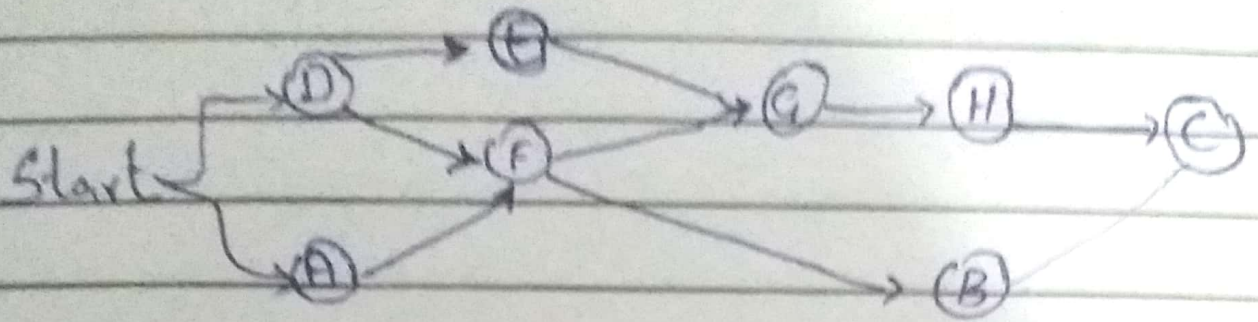
Exercise 10

use the data in this table to answer the questions that follow.

Activity	Preceding Activity	Estimate in Months
Start		0
D	Start	4
A	Start	6
F	D, A	7
E	D	8
G	F, E	5
B	F	5
H	G	7
C	H	8
End	C, B	0

1. What is the duration of the critical path?

Diagram of for the critical path.



Paths in the network diagrams:

$$D-E-G-H-C = 4+8+5+7+8 = 32$$

$$D-F-G-H-C = 4+7+5+7+8 = 31$$

$$A-F-G-H-C = 6+7+5+7+8 = 33$$

$$A-F-B = 6+7+5 = 18$$

The duration of the critical path is :

$$A-F-G-H-C = 33$$