

ASSIGNMENT NO 1(MTH 601)

Maximum Marks: 10

Due Date: 13th November, 2017

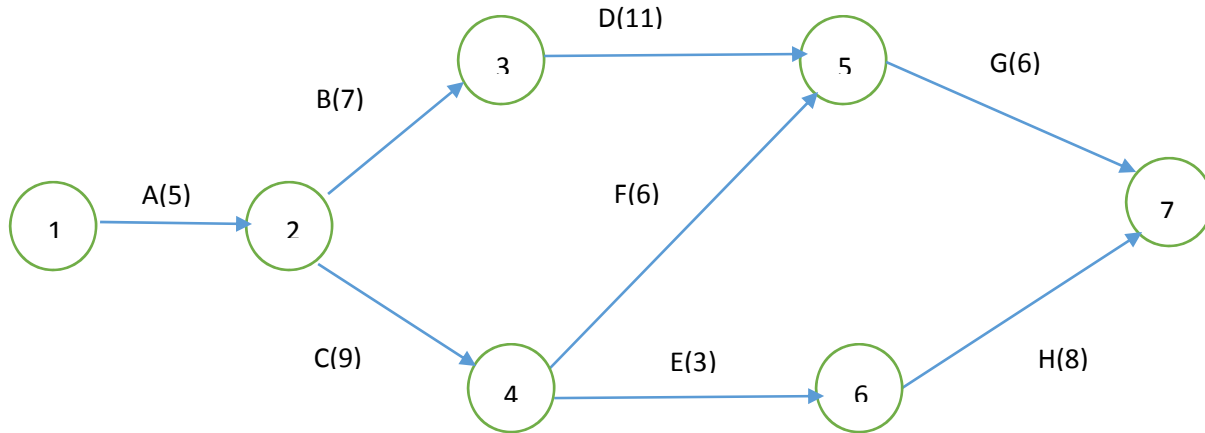
DON'T MISS THESE: Important instructions before attempting the solution of this assignment:

- To solve this assignment, you should have good command over **1 - 9 lectures**.
- Upload assignments properly through LMS, No Assignment will be accepted through email.
- Write your ID on the top of your solution file.
- Don't use colorful back grounds in your solution files.
- Always send your solution in dox or docx file with proper accessible math type symbols.
- You should remember that if we found the solution files of some students are same then we will reward zero marks to all those students.
- Also remember that you are supposed to submit your assignment in Word format any other like scan images etc will not be accepted and we will give zero marks correspond to these assignments.

Question No 1:

Marks=05

- a) Construct a table for the network diagram given below which describe the relationship between activities and predecessors activities.
- b) Find the critical path and the total project duration of the project.



Question No 2:

Marks=05

Find the expected time and the variance for each activity.

Activity	Optimistic time (t_0)	Most likely time(t_m)	Pessimistic time(t_p)
A	2	5	8
B	4	9	14
C	1	3	5
D	4	5	12