

Set A

1. You are planning a website development project with the following steps:

- a) Requirements gathering (1 week)
 - b) Design phase (2 weeks)
 - c) Development (4 weeks)
 - d) Testing (2 weeks)
 - e) Launch (1 week)
- Dependencies:
 - The design phase starts after requirements gathering is complete.
 - Development starts after the design phase.
 - Testing begins after development, and the project launches after successful testing.

Create a Gantt chart to represent this timeline, showing the duration, start, and end dates of each task, along with their dependencies.

2. Draw a network diagram in MS Project

Activity	Predecessor Activity	Duration (Weeks)
A	-	3
B	A	5
C	A	7
D	B	10
E	C	5
F	D,E	4

solve it in your paper as well to find ES, EF, LS and LF using PDM.

3. Create the Trello board for the given Scenario:

Planning a Blog Post

You're a content creator working on a new blog post. You want to organize your tasks to ensure the article is completed efficiently. Here's how you can set up your Trello board:

To Do List:

1. Research Topic Ideas

- Look for trending topics in your niche.
- Identify the target audience.

2. Outline the Blog Post

- Create headings and subheadings.
- Decide on the flow of the content.

3. Write the First Draft

- Focus on getting the main ideas down.
- Skip formatting for now.

4. Edit and Proofread

- Check for grammar and spelling errors.
- Ensure clarity and readability.

5. Find Images or Graphics

- Search for royalty-free images.
- Create custom graphics if needed.

6. Publish and Share

- Upload the blog post to your website.
- Share it on social media and email newsletters.

Done List:

Move tasks from "To Do" to "Done" as you complete them. For example:

- Research Topic Ideas
- Outline the Blog Post.

Set B

1. Use GIT to do following task

- Fork the repository on Github (<https://github.com/karkibasant1996/CSIT7th>) , open the logs, and figure out how many commits there are.
- Create the branch BSCCSIT_Lab_Test and list all of the branches (remote and local)
- Create a file called BSCCSIT_Lab_Answer.txt with all the code you have created, add it, and commit it with a sensible message.
- Make at least 2 more commits, and merge it back with master. Be sure to take a look at the logs on master.
- Push your change to your forked repo on github.

2. Draw a network diagram in MS Project

Activity	Duration (in weeks)	Precedents
A	6	-
B	4	-
C	3	A
D	4	B
E	3	B
F	10	-
G	3	E,F
H	2	C,D

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3. Find out the Estimated time (Te) using PERT in MS project

Activity	Predecessor	Optimistic Time	Most likely time	Pessimistic time
A	-	4	5	6
B	-	8	12	16
C	A	4	5	12
D	B	1	3	5
E	D,A	2	2	2
F	B	4	5	6

G	C,E,F	10	14	18
H	G	18	20	34