

Q1\ Draw Gantt bar chart for this project based on the **calendar days** : (Use activity duration in days instead of weeks ) Assume; start day is **Tuesday**. Working days 5, Friday and Saturday are Holidays.

Find:

- A) Working days.
- B) Calendar days.
- C) Critical activities.

Activity	Predecessors	Time(weeks)
A	None	2
B	None	3
C	A	2
D	B,C	1
E	D,F	2
F	B	3

**Q2\** Draw activity on node diagram for the following project, then .

**Find:**

- A) Project Duration.
- B) Critical Path.

<i>ES</i>	<i>D</i>	<i>EF</i>
	<i>Act</i>	<i>FF</i>
<i>LS</i>	<i>TF</i>	<i>LF</i>

<b>Activity</b>	<b>Predecessors</b>	<b>Time(weeks)</b>
A	None	10
B	None	11
C	A	8
D	B	5
E	C,D	6
F	E	6
G	E	4