Student name: Taha Teitali
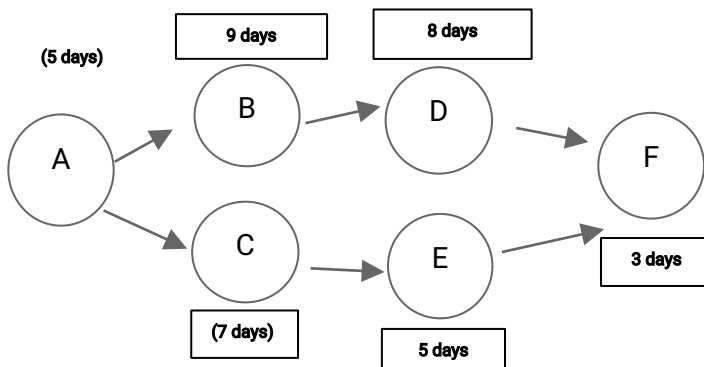
Students name: 2655

Group: A3

(Project management assignment)

Q1_ Develop a network diagram for the project specified below:


```
(5 days)    9 days         8 days

              B       →      D
                                    →   F
   A
                              E
              C       →
         (7 days)          5 days      3 days
```

Q2_ Identify the Critical Activities and the total duration of the project:

• A+B+D+E= 25 days

• A+C+E+F= 20 days

The critical activities: (The longer path or pathway is with the longer duration by days path: <A+B+D+F 25> days path), so this is the longest critical activity path.

Q3_ Justify which activity would you crash based on some rationale:

1. Inverse proportion.

2. If the pathway is longer by days the shorter payment you may gain.

3. If the pathway is shorter, then the payment would be much higher.