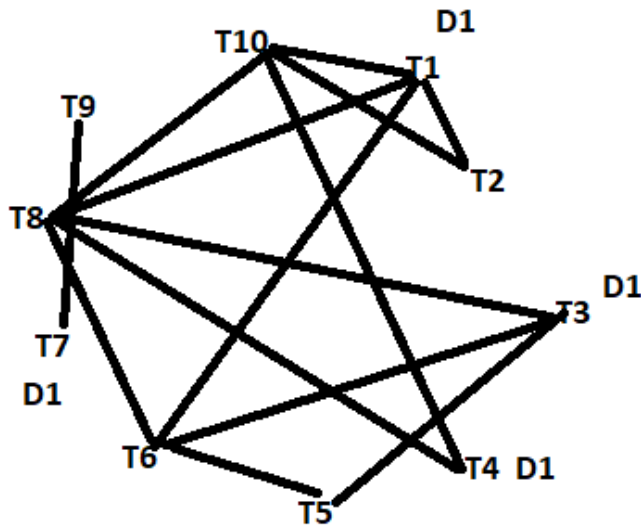
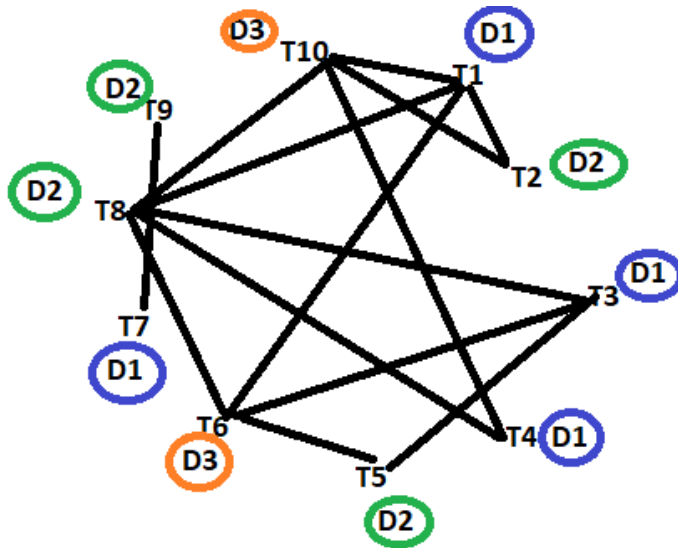


Resolução do Trabalho- Nov. 2020 11°42

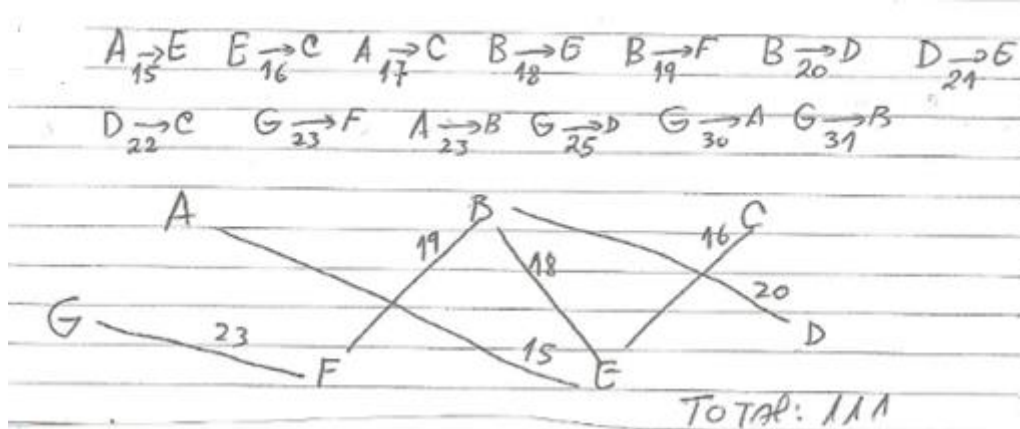
1.1)



1.2) Exemplo de resposta:



2.2)

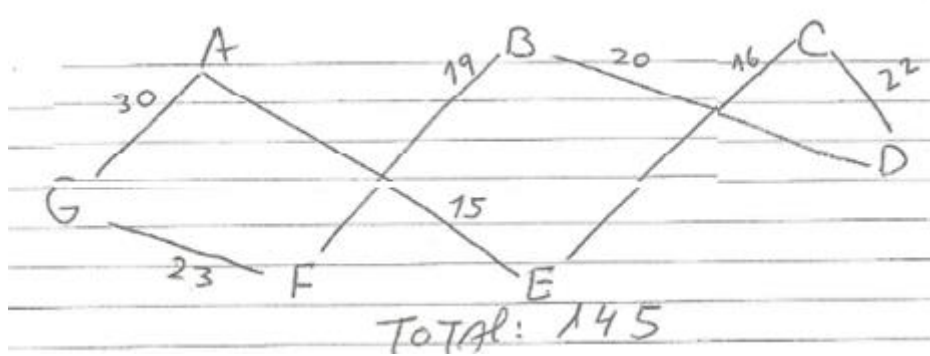


2.3.1)

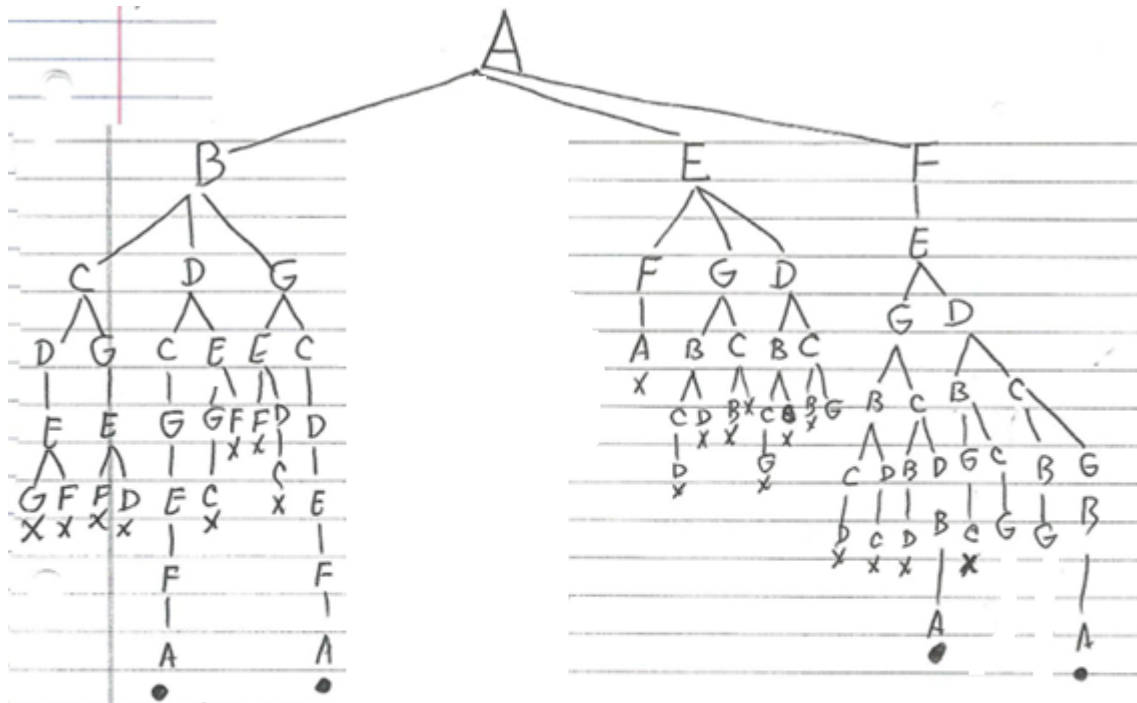
- $A \rightarrow E \rightarrow C \rightarrow D \rightarrow B \rightarrow F \rightarrow G \rightarrow A$ TOTAL: 145
 - $B \rightarrow E \rightarrow A \rightarrow C \rightarrow D \rightarrow G \rightarrow F \rightarrow B$ TOTAL: 139 (*)
 - $C \rightarrow E \rightarrow A \rightarrow B \rightarrow F \rightarrow G \rightarrow D \rightarrow C$ TOTAL: 143
 - $D \rightarrow B \rightarrow E \rightarrow A \rightarrow C$ X NÃO DÁ
 - $E \rightarrow A \rightarrow C \rightarrow D \rightarrow B \rightarrow F \rightarrow G$ X NÃO DÁ.
 - $F \rightarrow B \rightarrow E \rightarrow A \rightarrow C \rightarrow D \rightarrow G \rightarrow F$ 139 (*)
 - $G \rightarrow F \rightarrow B \rightarrow E \rightarrow A \rightarrow C \rightarrow D \rightarrow G$ 139 (*)
- *) Melhoras soluções iniciadas em B, F e G.

2.3.2)

Usamos a ordenação apresentada em 2.2)



3)

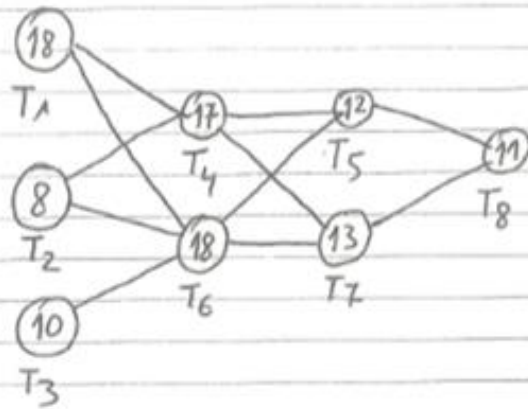


Soluções:

ABDCGEFA 80 AFEGCDBA 80
 ABGCDEFA 76 AFEDCGBA 76

Melhores Soluções: ABGCDEFA 76 AFEDCGBA 76

4)



$$T_4 + T_5 = 29$$

$$\text{Logo: } T_6 + T_7 = 31$$

$$\text{Total: } 60 \quad \text{Logo:}$$

$$T_1 + T_6 + T_7 + T_8 = 60$$

$$18 + 31 + T_8 = 60$$

$$T_8 = 11$$

$$31 = T_6 + T_7 = T_7 + 5 + T_7$$

$$2T_7 + 5 = 31$$

$$T_7 = 13$$

$$T_6 = 18$$

$$T_4 = 17$$

$$T_5 = 12$$