

Universidade Federal do Piauí – UFPI

Campus Senador Helvídio Nunes de Barros – CSHNB

Curso de Sistemas de Informação

Bloco: IV

Disciplina: Estruturas de Dados II

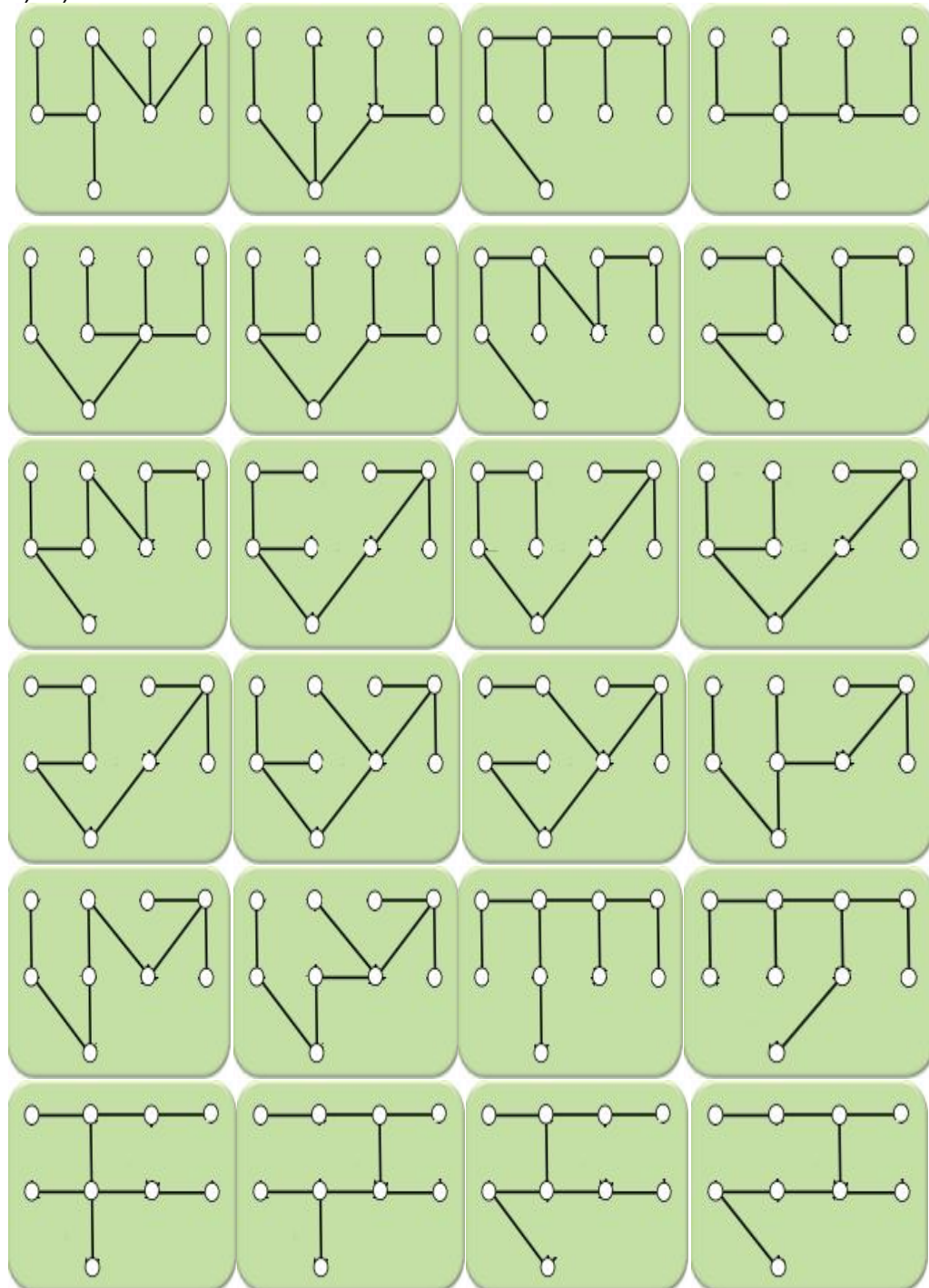
Professora: Juliana Oliveira de Carvalho

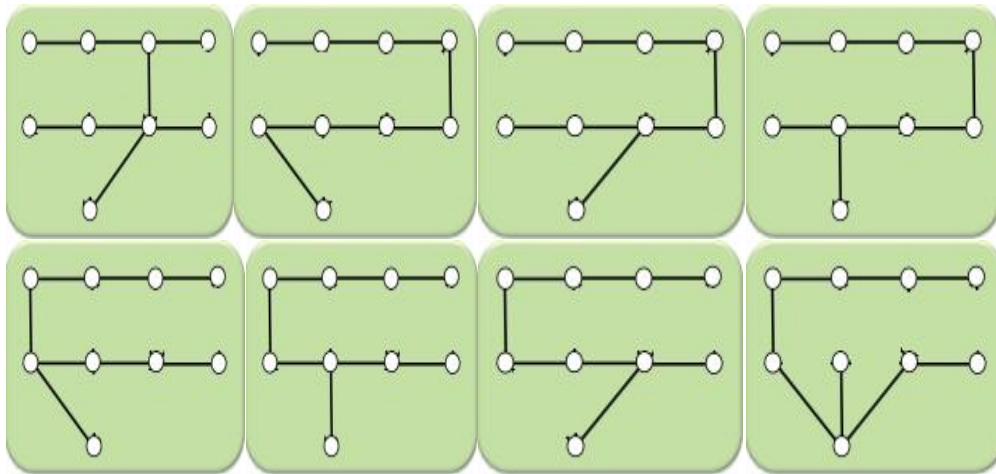
Acadêmico: João Vitor Moreira Passos

Matrícula:20209009470

Fixação 9

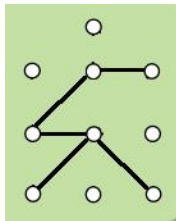
1) a)



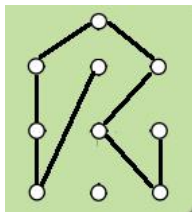


b) Ela já é a geradora mínima.

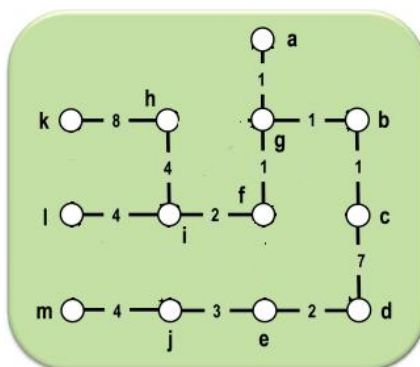
2) a)



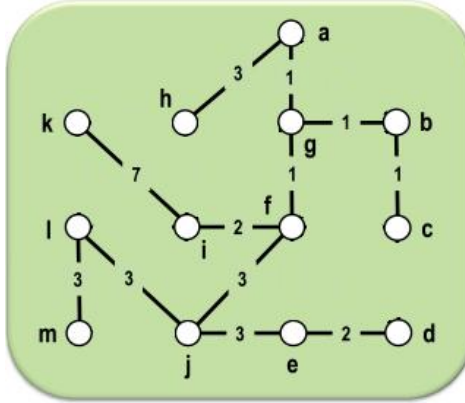
b)



3) Prim:



Kruskal:



(a,g)=1 (l,m)=3
(g,b)=1 (b,f)=4
(g,f)=1 (h,i)=4
(b,c)=1 (a,b)=5
~~(c,f)=2 (g,i)=5~~
(f,i)=2 (h,g)=6
(d,e)=2 (d,f)=6
(k,l)=2 (e,d)=7
(a,h)=3 (f,e)=7
(e,j)=3 (i,k)=7
(f,j)=3 (j,i)=8
(j,l)=3 (h,k)=8

Boruvka:

