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M.

BSCPE 2-1

Kruskal's

Edge (B, C)   w(B, C) = 1

Edge (M, N)   w(M, N) = 1

Edge (G, I)   w(G, I) = 5

Edge (D, L)   w(D, L) = 6

Edge (C, M)   w(C, M) = 8

Edge (F , I)   w(F, I) = 9

Edge (A, B)   w(A, B) = 11

Edge (D, K)   w(D, K) = 13

Edge (C, D)   w(C, D) = 14

Edge (G, J)   w(G, J) = 16

Edge (M, O)   w(M, O) = 17

Edge (C, F)   w(C, F) = 21

Edge (E, N)   w(E, N) = 35

Edge (M, P)   w(M, P) = 40

Total: 197

Prim's

Edge (A, B)
     w(A, B) = 11

Edge (B, C)   w(B, C) = 1

Edge (C, M)   w(C, M) = 8

Edge (M, N)
     w(M, N) = 1

Edge (C, D)   w(C, D) = 14

Edge (D, L)
     w(D, L) = 6

Edge (D, K)
     w(D, K) = 13

Edge (M, O)
     w(M, O) = 17

Edge (C, F)   w(C, F) = 21

Edge (F , I)   w(F, I) = 9

Edge (G, I)
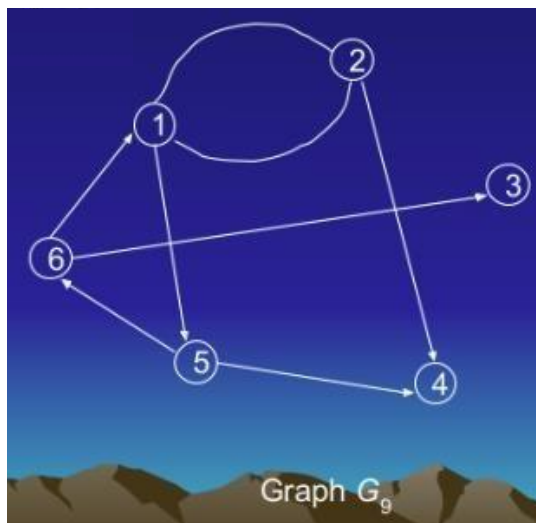   w(G, I) = 5

Edge (G, J)
     w(G, J) = 16

Edge (E, N)   w(E, N) = 35
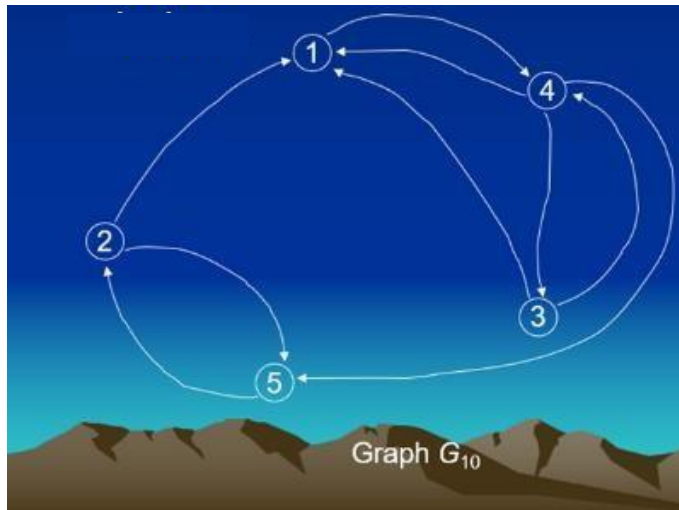
Edge (M, P)
     w(M, P) = 40

Total: 197

GRAPH 9

Graph G₉

Formal Description:

G9 = (V9, E9) V9 =
{1, 2, 3, 4, 5, 6) E9 =
{(1,2), (1, 5), (2,1),
(2,4), (5, 4), (5, 6),
(6,3)}

V	Indegree	Outdegree
1	2	2
2	1	2
3	1	0
4	2	0
5	1	2
6	1	2

GRAPH 10

Graph G₁₀

Formal Description:

G10 = (V10, E10)

V10 = {1, 2, 3, 4, 5)
E10 = {(1,4), (2, 1),
(2,5), (3,1), (3, 4), (4,
1), (4,3), (4,5), (5,2)

V	Indegree	Outdegree
1	3	1
2	1	1
3	1	2
4	2	3
5	2	1