1)

A = t(s(s), G, s, p, t(K), s)  
B = t(s(G), G, s, p, t(K), U)

1. s={G=s}

A°s = t(s(s), s, s, p, t(K), s)   
 B°s = t(s(s), s, s, p, t(K), U)   
2. s={G=s, U=s}

A°s = t(s(s), s, s, p, t(K), s)   
 B°s = t(s(s), s, s, p, t(K), s)   
Answer: s = {G=s, U=s}

2)

A = g(l, M, g, G, U, g, v(M))  
B = g(l, v(U), g, v(M), v(G), g, v(M))

1. s={M=v(U)}

A°s = g(l, v(U), g, G, U, g, v(v(U)))  
 B°s = g(l, v(U), g, v(v(U)), v(G), g, v(v(U)))  
2. s={M=v(U), G=v(v(U))}

A°s = g(l, v(U), g, v(v(U)), U, g, v(v(U)))  
 B°s = g(l, v(U), g, v(v(U)), v(v(v(U))), g, v(v(U)))

Answer: No such substitute exists (Circular occurrence: [U=v(v(v(U)))])

3)

A = m(M,N)   
 B = n(M,N)

Answer: No such substitute exists (m and n cannot be equalized)

4)

A = p([v | [V | VV] ])  
 B = p([[v | V] | VV])

Answer: No such substitute exists (Circular occurrence: [v=[v | V]])

5)

A = g([T])  
 B = g(T)

Answer: No such substitute exists (Circular occurrence: [T = [T]])