1-a)

<A,C,D,H> <A,C,F,H> <A,G,F,H> <A,G,F,C,D,H> <A,B,E,G,F,H> <A,B,E,G,F,C,D,H>

1-B)

<C,A,B,E> <C,A,G,E> <C,F,G,E> <C,F,G,A,B,E> <C,D,H,F,G,E> <C,D,H,F,G,A,B,E>

1-C)

<B,E,G,F> <B,E,G,A,C,F> <B,A,G,F> <B,A,C,F> <B,A,C,D,H,F> <B,E,G,A,C,D,H,F>

2)

A <B,C,G>

F <G,C,H>

G <E,A,F>

3)

<A,B,E,G,F,H,D,C>

4)

<A,B,G,C,E,F,D,H>

5)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | A | B | C | D | E | F | G | H |
| A | - | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| B | 1 | - | 0 | 0 | 1 | 0 | 0 | 0 |
| C | 1 | 0 | - | 1 | 0 | 1 | 0 | 0 |
| D | 0 | 0 | 1 | - | 0 | 0 | 0 | 1 |
| E | 0 | 1 | 0 | 0 | - | 0 | 1 | 0 |
| F | 0 | 0 | 1 | 0 | 0 | - | 1 | 1 |
| G | 1 | 0 | 0 | 0 | 1 | 1 | - | 0 |
| H | 0 | 0 | 0 | 1 | 0 | 1 | 0 | - |

6)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A -> | B -> | C -> | G -> | / |
| B -> | A -> | E -> | / |  |
| C -> | A -> | D -> | F -> | / |
| D -> | C -> | H -> | / |  |
| E -> | B -> | G -> | / |  |
| F -> | C -> | G -> | H -> | / |
| G -> | A -> | E -> | F -> | / |
| H -> | D -> | F -> | / |  |
| / |  |  |  |  |

7)

A

A->B = 4 1 A,G

A->G = 1 3 A,C

A->C = 3 4 A,B

--------------------------------------------------------

A->G

A->C = 3 3 A,C

A->B = 4 3 G,F

G->E = 7 4 A,B

G->F = 3 7 G,E

--------------------------------------------------------

A->G(1) /// A->C(3)

G->F = 3 3 G,F

A->B = 4 4 A,B

G->E = 7 7 G,E

C->F = 8 8 C,F

C->D = 11 11 C,D

--------------------------------------------------------

A->G(1)->F(3) /// A->C(3)

A->B = 4 4 A,B

G->E = 7 7 G,E

C->F = 8 8 C,F

C->D = 11 10 F,H

F->H = 10 11 F,H

--------------------------------------------------------

A->G(1)->F(3) /// A->C(3) /// A->B(4)

G->E = 7 7 G,E

C->F = 8 7 B,E

C->D = 11 8 C,F

F->H = 10 10 F,H

B->E = 7 11 C,D

--------------------------------------------------------

A->G(1)->F(3) /// A->G(1)->E(7) /// A->C(3) /// A->B(4)

C->F = 8 7 B,E

C->D = 11 8 C,F

F->H = 10 10 F,H

B->E = 7 11 C,D

--------------------------------------------------------

A->G(1)->F(3) /// A->G(1)->E(7) /// A->C(3) /// A->B(4)

C->F = 8 8 C,F

C->D = 11 10 F,H

F->H = 10 11 C,D

--------------------------------------------------------

A->G(1)->F(3) /// A->G(1)->E(7) /// A->C(3) /// A->B(4)

C->D = 11 10 F,H

F->H = 10 11 C,D

--------------------------------------------------------

A->G(1)->F(3)->H(10) /// A->G(1)->E(7) /// A->C(3) /// A->B(4)

C->D = 11 11 C,D

--------------------------------------------------------

A->G(1)->F(3)->H(10) /// A->G(1)->E(7) /// A->C(3)->D(11) /// A->B(4)

